

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050062.D
 Acq On : 31 Aug 2021 12:59
 Operator : CG/JU
 Sample : PB138651BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS651

Manual Integrations
 APPROVED

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 9/1/2021 4:49:23 PM

Quant Time: Aug 31 14:17:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	24980	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	101717	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.623	164	70344	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.378	188	159100m	20.000	ng/ul	0.00
79) Chrysene-d12	21.654	240	137357	20.000	ng/ul	0.00
88) Perylene-d12	24.885	264	140783	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	3666	7.568	ng/uL	0.00
4) Pyridine-d5	3.743	84	54898	37.624	ng/ul	0.00
7) Phenol-d5	7.133	99	82707	38.990	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.280	67	44799	38.015	ng/ul	0.00
11) 2-Chlorophenol-d4	7.497	132	64832	40.847	ng/ul	0.00
15) 4-Methylphenol-d8	8.689	113	67750	40.555	ng/ul	0.00
21) Nitrobenzene-d5	9.136	128	31892	40.442	ng/ul	0.00
24) 2-Nitrophenol-d4	9.864	143	39316	41.870	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.411	165	70140	41.879	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	86478	37.935	ng/ul	0.00
46) Dimethylphthalate-d6	14.023	166	207943	38.626	ng/ul	0.00
49) Acenaphthylene-d8	14.317	160	264620	41.922	ng/ul	0.00
54) 4-Nitrophenol-d4	14.858	143	28850	37.040	ng/ul	0.01
60) Fluorene-d10	15.621	176	187673	41.116	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	35026m	34.219	ng/ul	0.00
73) Anthracene-d10	17.483	188	293093	41.024	ng/ul	0.00
81) Pyrene-d10	19.769	212	327028	44.058	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.668	264	298040	39.904	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.350	88	8054	13.638	ng/uL#	83
5) Pyridine	3.761	79	61569	39.041	ng/ul	93
6) Benzaldehyde	7.092	77	53364	43.717	ng/ul	92
8) Phenol	7.162	94	90535	42.256	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.374	93	62090	41.979	ng/ul	97
12) 2-Chlorophenol	7.526	128	69606	44.381	ng/ul#	82
13) 2-Methylphenol	8.419	108	70154	42.441	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.490	45	64411	41.529	ng/ul#	95
16) Acetophenone	8.795	105	114222	41.925	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.772	70	57409	41.966	ng/ul	98
18) 4-Methylphenol	8.748	108	74608	41.955	ng/ul	89
19) Hexachloroethane	9.042	117	30526	44.474	ng/ul	98
22) Nitrobenzene	9.177	77	92672	43.370	ng/ul	98
23) Isophorone	9.700	82	159398	41.868	ng/ul	96
25) 2-Nitrophenol	9.894	139	40326	44.172	ng/ul	97
26) 2,4-Dimethylphenol	9.958	107	86900	42.831	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.182	93	85455	43.467	ng/ul	97
29) 2,4-Dichlorophenol	10.440	162	71999	46.838	ng/ul	92
30) Naphthalene	10.834	128	225491	44.352	ng/ul	96
32) 4-Chloroaniline	10.945	127	92076	41.940	ng/ul	95
33) Hexachlorobutadiene	11.110	225	54764	44.038	ng/ul	96
34) Caprolactam	11.715	113	23021m	42.753	ng/ul	
35) 4-Chloro-3-methylphenol	12.085	107	86176	46.907	ng/ul	96
36) 2-Methylnaphthalene	12.449	142	168714	44.642	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.666	142	162524	42.604	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.819	216	97609	47.243	ng/ul#	95
40) Hexachlorocyclopentadiene	12.784	237	13884	15.015	ng/ul#	85
41) 2,4,6-Trichlorophenol	13.066	196	60625	46.044	ng/ul	97
42) 2,4,5-Trichlorophenol	13.142	196	63391	45.937	ng/ul	95
43) 1,1'-Biphenyl	13.454	154	216940	44.143	ng/ul	98
44) 2-Chloronaphthalene	13.501	162	176105	44.612	ng/ul	99
45) 2-Nitroaniline	13.706	65	61380	45.797	ng/ul	91
47) Dimethylphthalate	14.070	163	223608	41.970	ng/ul#	99
48) 2,6-Dinitrotoluene	14.205	165	49892	45.357	ng/ul#	91
50) Acenaphthylene	14.346	152	260078	45.081	ng/ul	96
51) 3-Nitroaniline	14.534	138	46081	43.414	ng/ul	92
52) Acenaphthene	14.693	153	190950	45.628	ng/ul	94
53) 2,4-Dinitrophenol	14.769	184	19214	34.200	ng/ul#	84
55) 4-Nitrophenol	14.869	109	39134	39.628	ng/ul	93
56) Dibenzofuran	15.028	168	259121	44.711	ng/ul	99
57) 2,4-Dinitrotoluene	14.999	165	73715	46.589	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.263	232	53768	47.020	ng/ul	90
59) Diethylphthalate	15.439	149	230641	42.317	ng/ul	98
61) Fluorene	15.680	166	219643	44.921	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.662	204	112699	43.562	ng/ul	97
63) 4-Nitroaniline	15.703	138	49708	46.929	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.774	198	34908m	37.626	ng/ul	
67) N-Nitrosodiphenylamine	15.880	169	189639	45.274	ng/ul	96
68) 4-Bromophenyl-phenylether	16.561	248	81459	46.283	ng/ul	97
69) Hexachlorobenzene	16.690	284	91372	44.959	ng/ul	95
70) Atrazine	16.831	200	87155	46.836	ng/ul	99
71) Pentachlorophenol	17.043	266	27810m	32.315	ng/ul	
72) Phenanthrene	17.425	178	360798m	45.489	ng/ul	
74) Anthracene	17.513	178	361685	44.999	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.424	216	99489	46.608	ng/ul	99
76) Pentachlorobenzene	14.952	250	101329	44.800	ng/ul	92
77) Carbazole	17.789	167	317862	44.443	ng/ul	98
78) Di-n-butylphthalate	18.329	149	393492	43.018	ng/ul	98
80) Fluoranthene	19.440	202	432539	47.223	ng/ul#	98
82) Pyrene	19.804	202	423638	46.675	ng/ul	99
83) Butylbenzylphthalate	20.673	149	165070	46.086	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.548	252	137786	42.317	ng/ul	96
85) Benzo(a)anthracene	21.637	228	383494	44.807	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.525	149	223211	45.378	ng/ul	100
87) Chrysene	21.701	228	364459	45.048	ng/ul	98
89) Di-n-octyl phthalate	22.729	149	374835	44.882	ng/ul	100
90) Benzo(b)fluoranthene	23.863	252	387149	42.991	ng/ul	99
91) Benzo(k)fluoranthene	23.928	252	379669	44.354	ng/ul	99
93) Benzo(a)pyrene	24.738	252	347420	44.423	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.609	276	446846	43.314	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.645	278	374675	43.384	ng/ul	98
96) Benzo(g,h,i)perylene	29.761	276	367675m	42.392	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

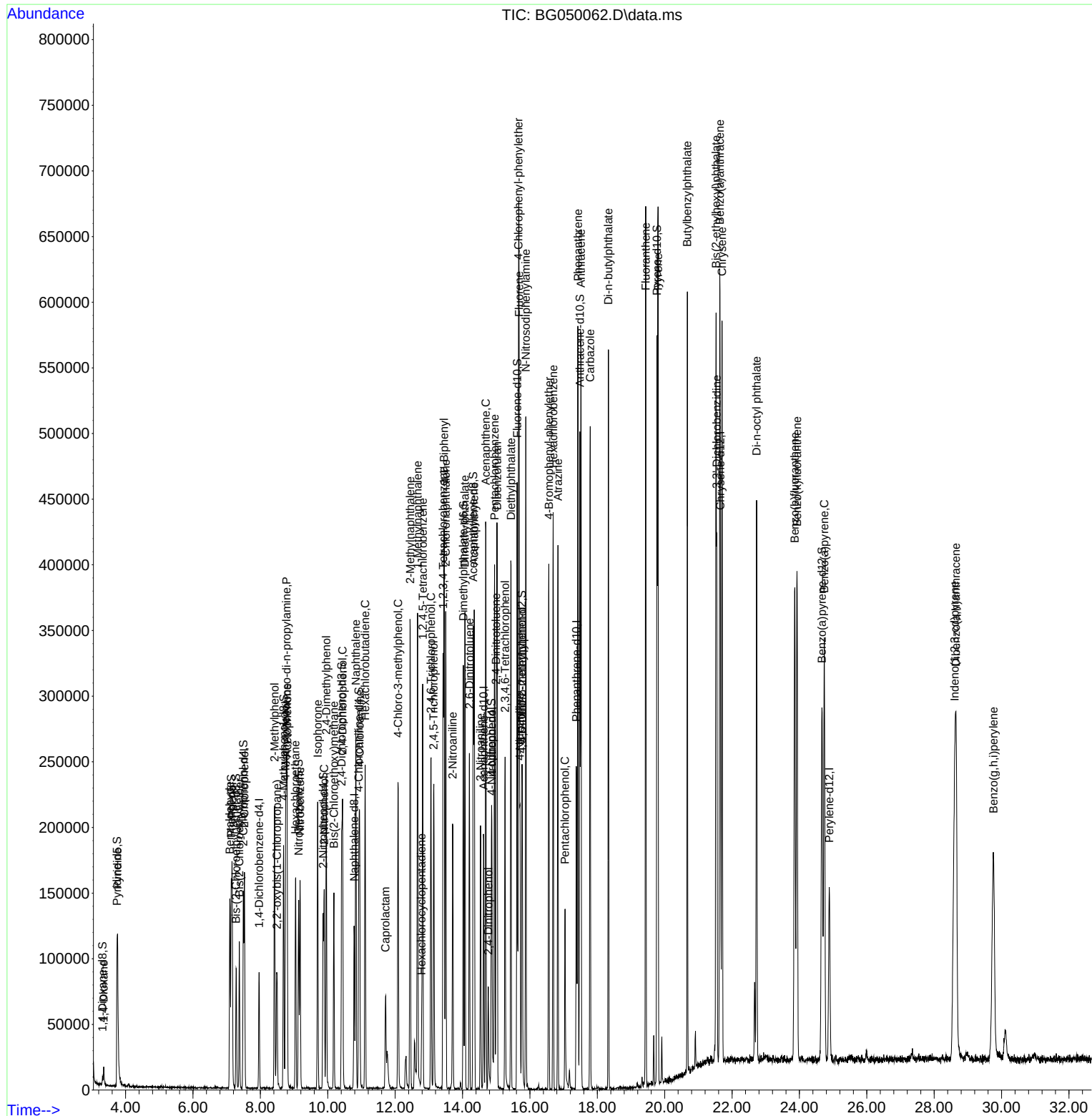
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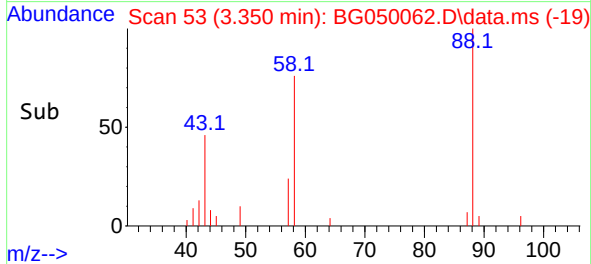
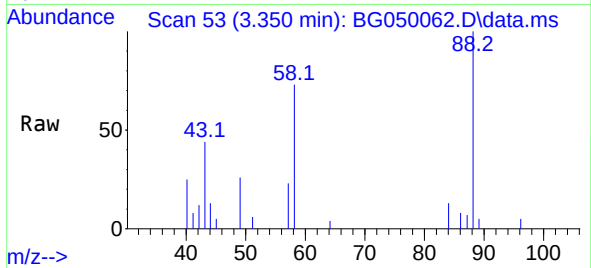
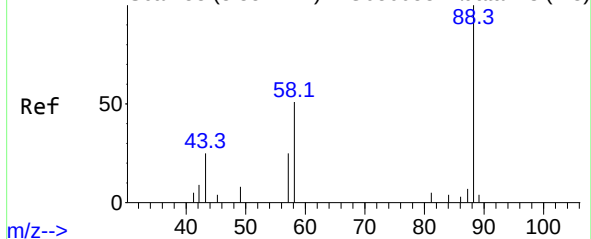
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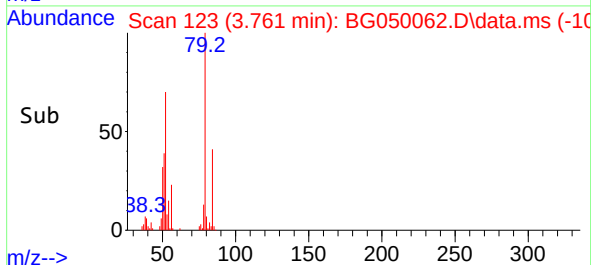
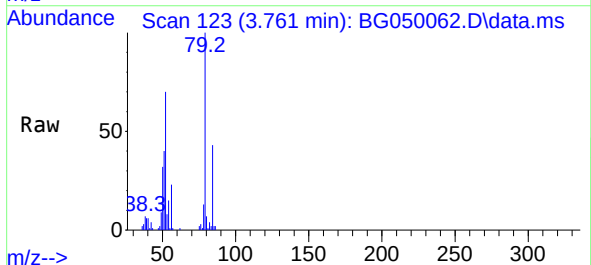
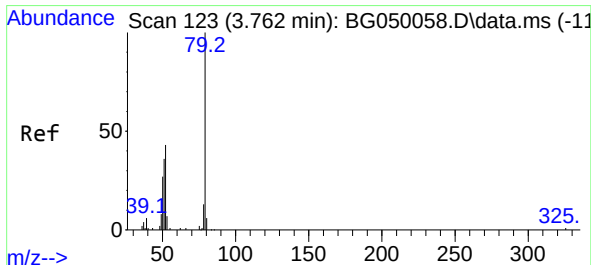
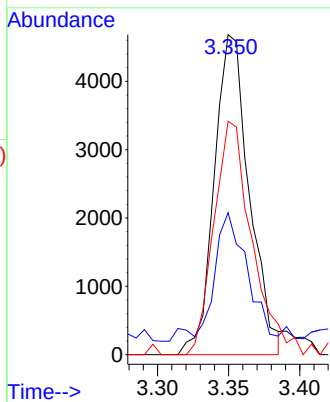


Abundance Scan 53 (3.351 min): BG050058.D\data.ms (-48)



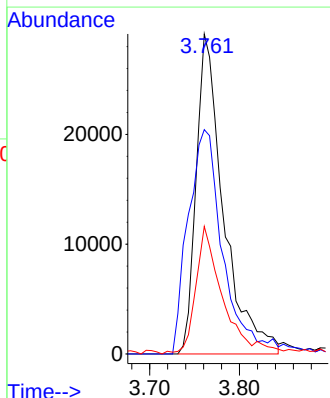
#2
1,4-Dioxane
Concen: 13.638 ng/uL
RT: 3.350 min Scan# 53
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

Tgt Ion:	88	Resp:	8054
Ion	Ratio	Lower	Upper
88	100		
43	44.4	21.6	32.4#
58	73.0	52.0	78.0



#5
Pyridine
Concen: 39.041 ng/uL
RT: 3.761 min Scan# 123
Delta R.T. -0.005 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

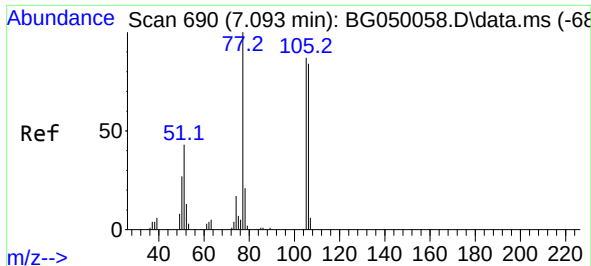
Tgt Ion:	79	Resp:	61569
Ion	Ratio	Lower	Upper
79	100		
52	70.1	61.1	91.7
51	39.8	34.8	52.2



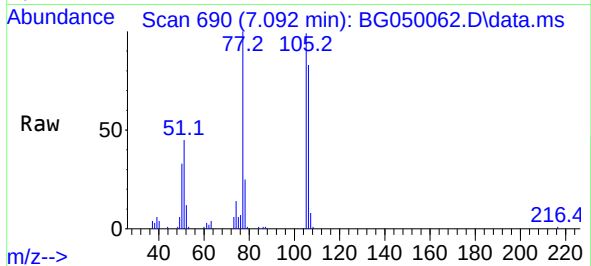
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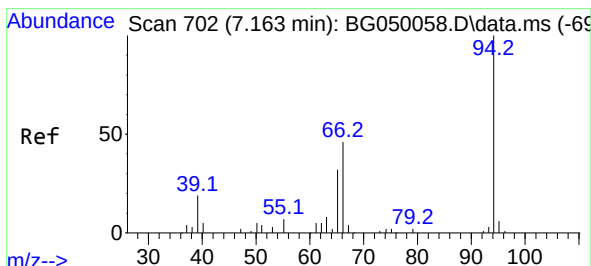
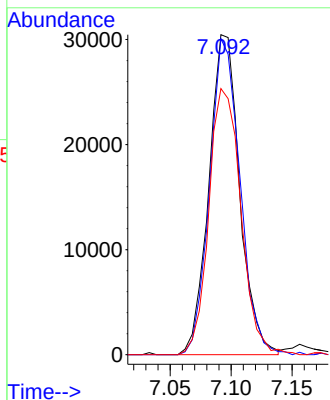
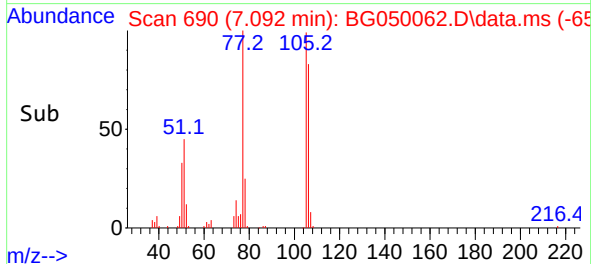


#6
Benzaldehyde
Concen: 43.717 ng/ul
RT: 7.092 min Scan# 690
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

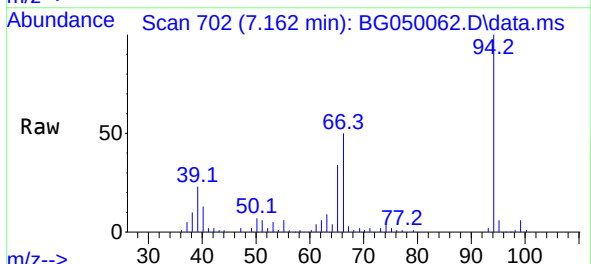


Tgt Ion: 77 Resp: 53364

Ion	Ratio	Lower	Upper
77	100		
105	98.7	72.3	108.5
106	83.2	72.3	108.5

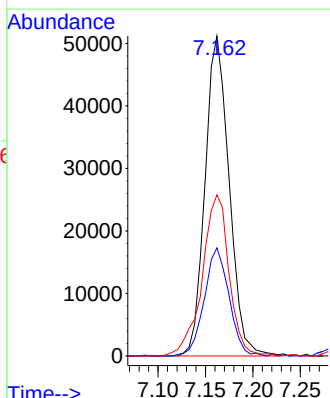
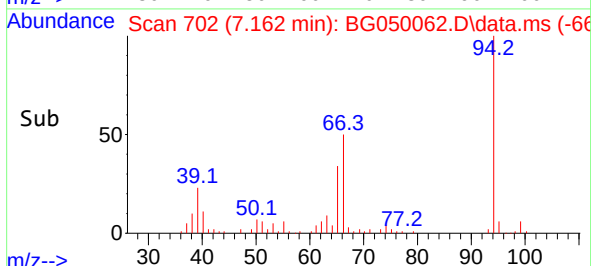


#8
Phenol
Concen: 42.256 ng/ul
RT: 7.162 min Scan# 702
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



Tgt Ion: 94 Resp: 90535

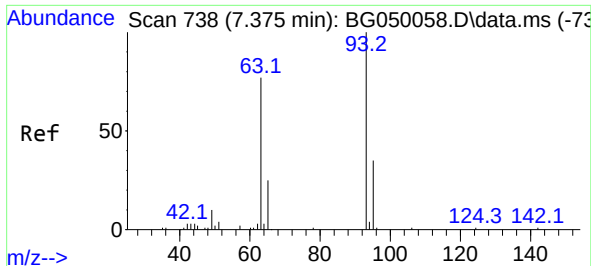
Ion	Ratio	Lower	Upper
94	100		
65	33.8	27.7	41.5
66	50.4	39.0	58.4



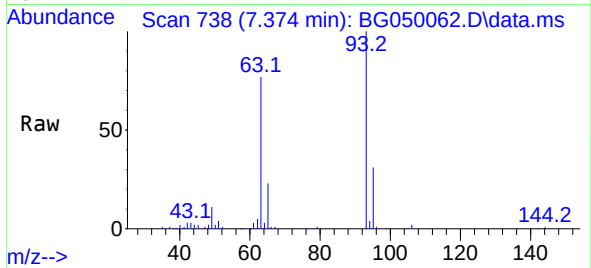
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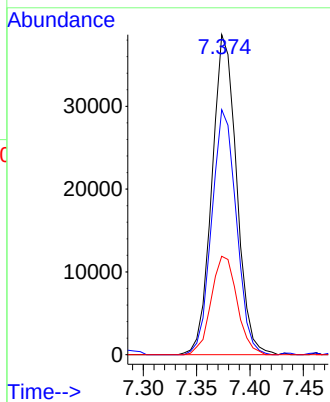
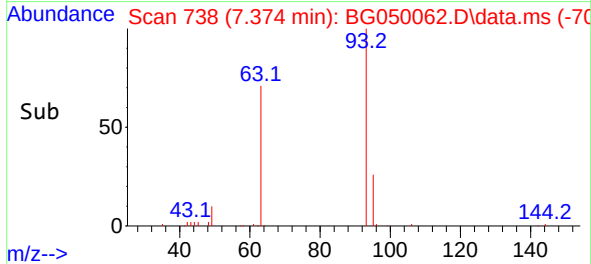
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#10
Bis(2-Chloroethyl)ether
Concen: 41.979 ng/ul
RT: 7.374 min Scan# 738
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



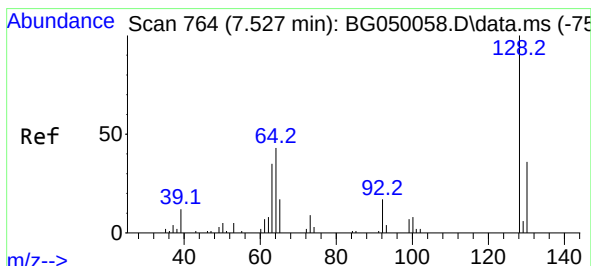
Tgt Ion:	93	Resp:	62090
Ion	Ratio	Lower	Upper
93	100		
63	76.6	59.9	89.9
95	30.7	27.6	41.4



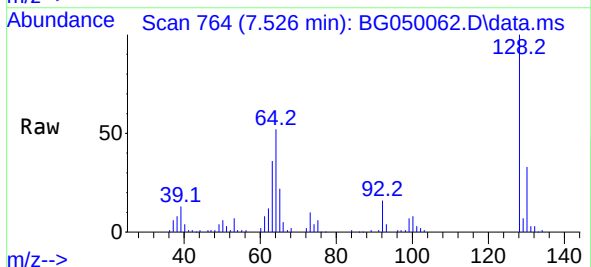
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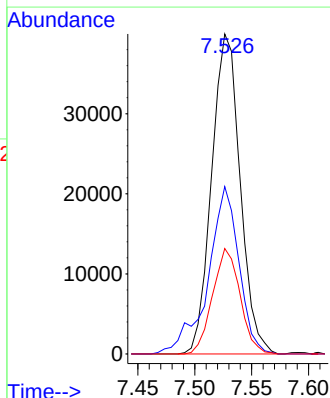
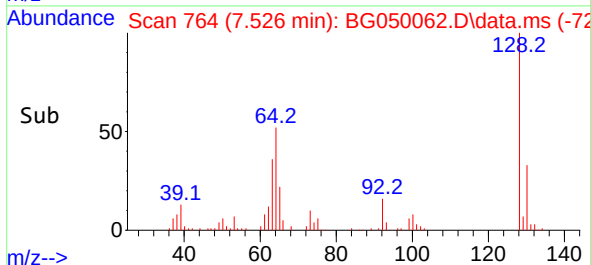
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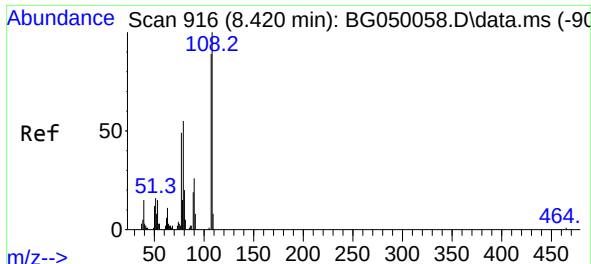


#12
2-Chlorophenol
Concen: 44.381 ng/ul
RT: 7.526 min Scan# 764
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



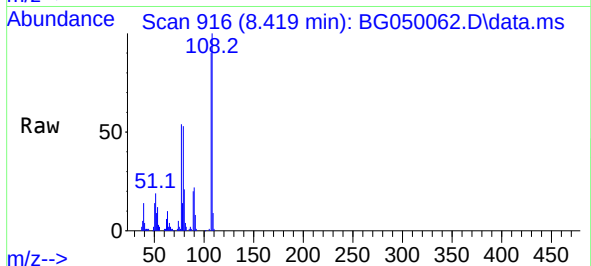
Tgt Ion:	128	Resp:	69606
Ion	Ratio	Lower	Upper
128	100		
64	52.3	28.0	42.0#
130	32.9	24.4	36.6





#13
2-Methylphenol
Concen: 42.441 ng/ul
RT: 8.419 min Scan# 916
Delta R.T. 0.007 min
Lab File: BG050062.D
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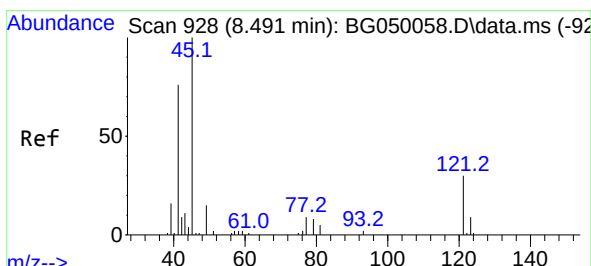
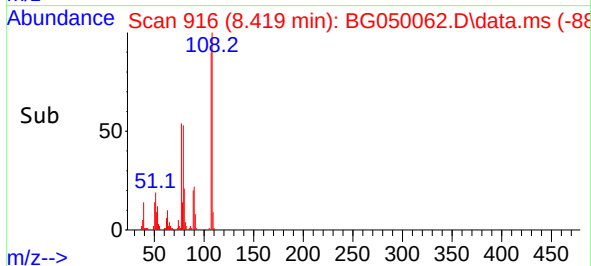
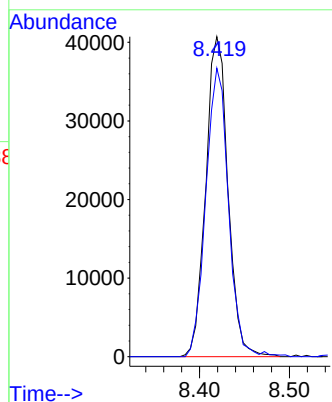
Instrument :
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ClientSampled :
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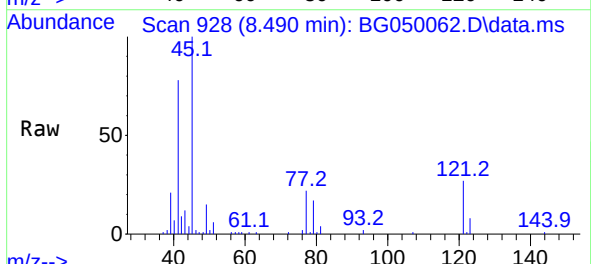
Tgt Ion:108 Resp: 70154
Ion Ratio Lower Upper
108 100
107 90.1 71.0 106.4

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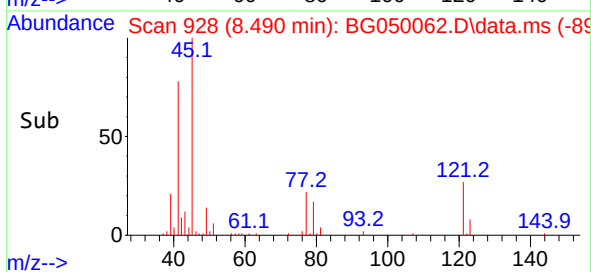
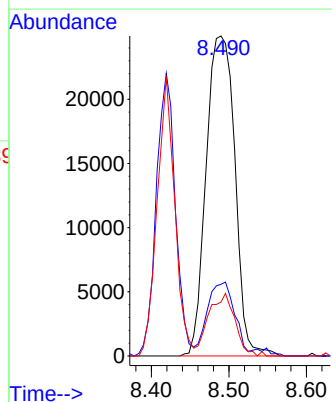
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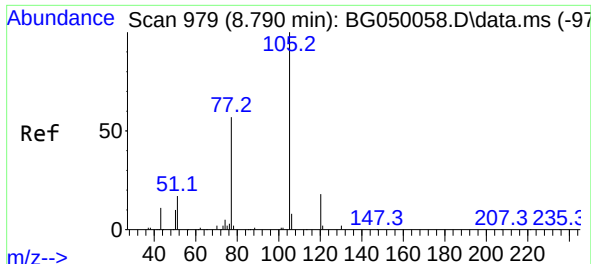


#14
2,2'-oxybis(1-Chloropropane)
Concen: 41.529 ng/ul
RT: 8.490 min Scan# 928
Delta R.T. 0.001 min
Lab File: BG050062.D
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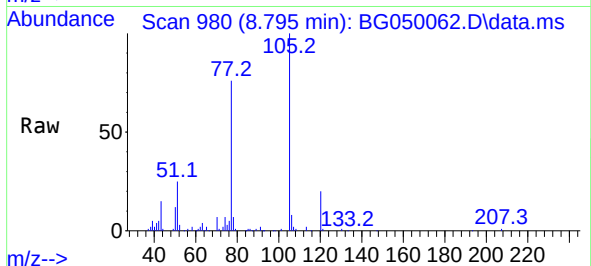


Tgt Ion: 45 Resp: 64411
Ion Ratio Lower Upper
45 100
77 22.4 16.9 25.3
79 16.8 11.0 16.4#

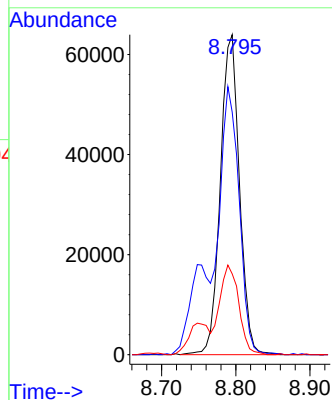
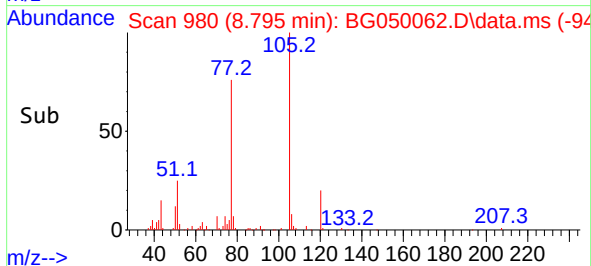




#16
Acetophenone
Concen: 41.925 ng/ul
RT: 8.795 min Scan# 980
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



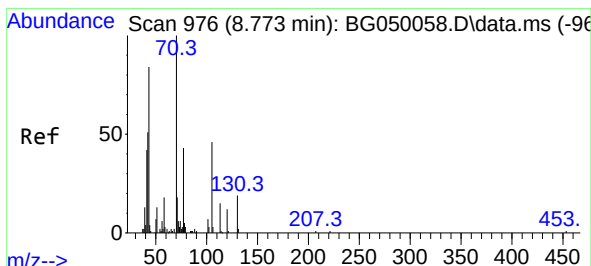
Tgt Ion:105 Resp: 114222
Ion Ratio Lower Upper
105 100
77 75.8 67.7 101.5
51 25.2 25.3 37.9#



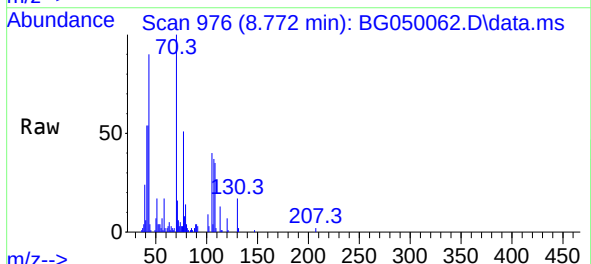
Instrument :
BNA_G
ClientSampled :
SLCS651

Manual Integrations
APPROVED

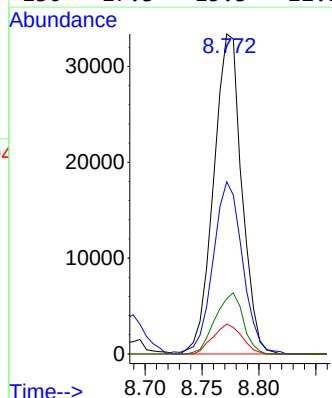
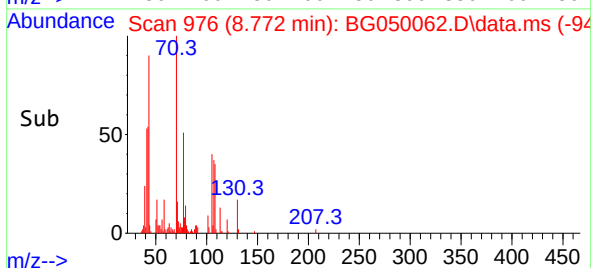
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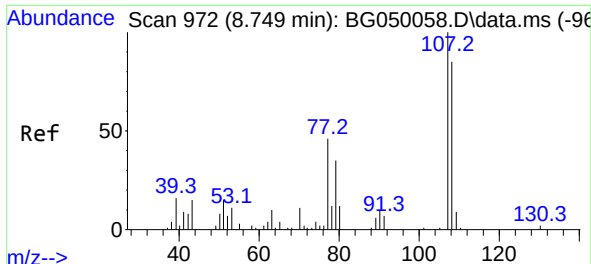


#17
N-Nitroso-di-n-propylamine
Concen: 41.966 ng/ul
RT: 8.772 min Scan# 976
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



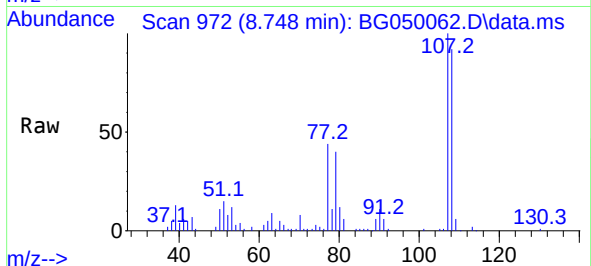
Tgt Ion: 70 Resp: 57409
Ion Ratio Lower Upper
70 100
42 53.8 44.2 66.4
101 9.3 7.8 11.8
130 17.3 15.3 22.9





#18
4-Methylphenol
Concen: 41.955 ng/ul
RT: 8.748 min Scan# 972
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

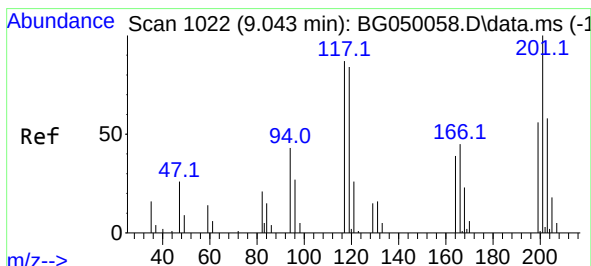
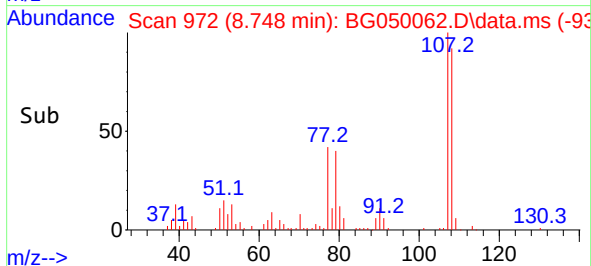
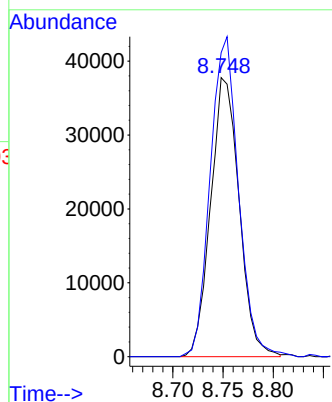
Instrument :
BNA_G
ClientSampled :
SLCS651



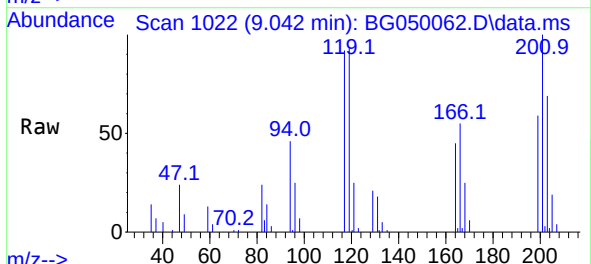
Tgt Ion:108 Resp: 74608
Ion Ratio Lower Upper
108 100
107 108.9 78.3 117.5

Manual Integrations
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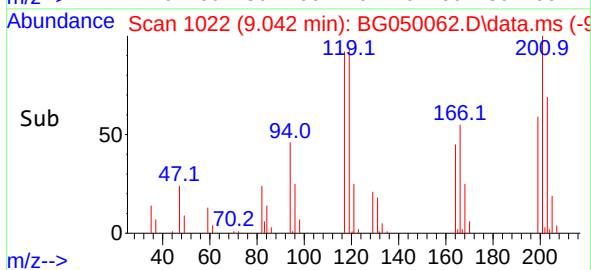
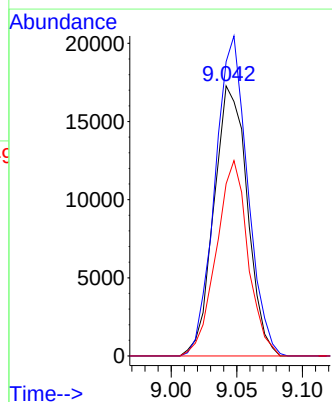
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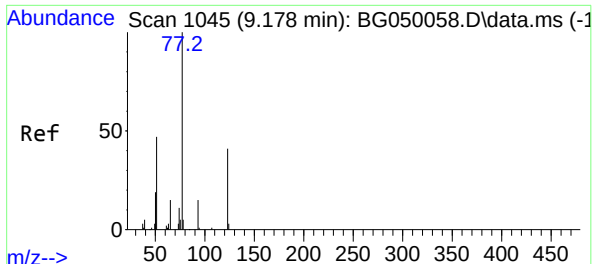


#19
Hexachloroethane
Concen: 44.474 ng/ul
RT: 9.042 min Scan# 1022
Delta R.T. -0.005 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

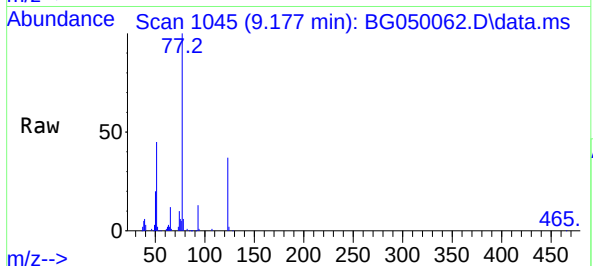


Tgt Ion:117 Resp: 30526
Ion Ratio Lower Upper
117 100
201 108.9 89.3 133.9
199 63.8 50.5 75.7

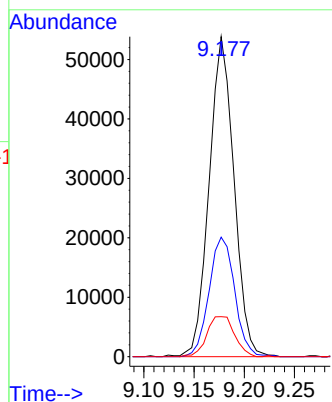




#22
Nitrobenzene
Concen: 43.370 ng/ul
RT: 9.177 min Scan# 1045
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



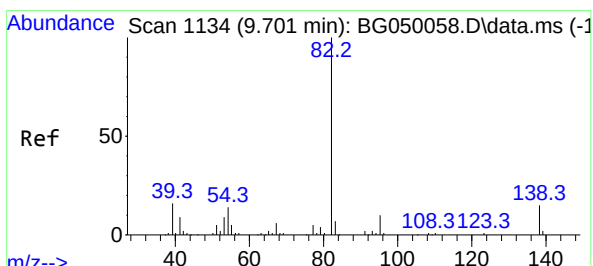
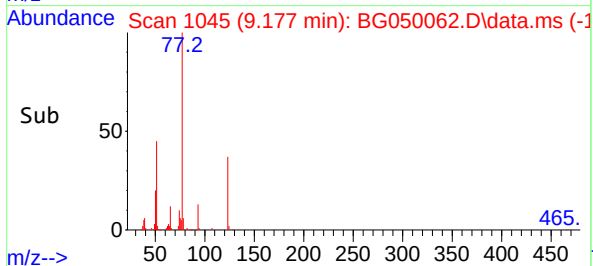
Tgt Ion: 77 Resp: 92672
Ion Ratio Lower Upper
77 100
123 37.4 30.4 45.6
65 12.5 11.3 16.9



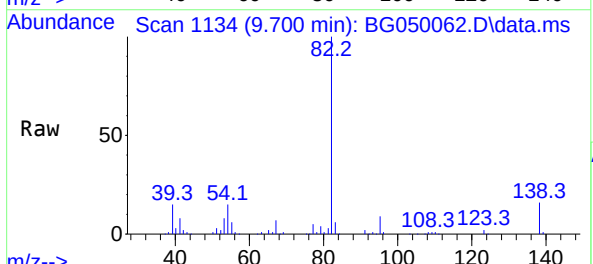
Instrument :
BNA_G
ClientSampled :
SLCS651

Manual Integrations
APPROVED

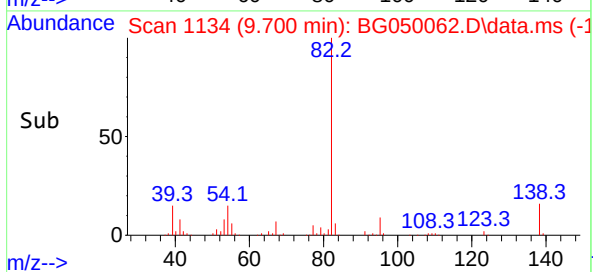
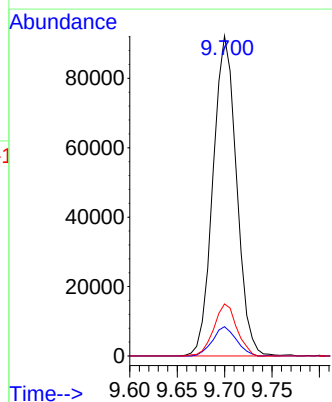
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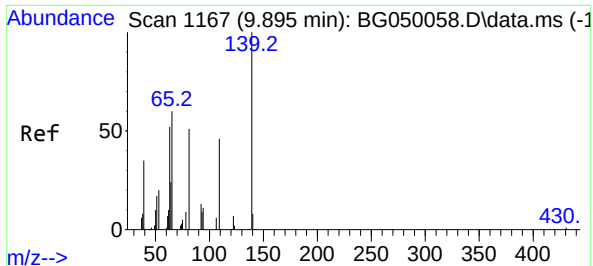


#23
Isophorone
Concen: 41.868 ng/ul
RT: 9.700 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

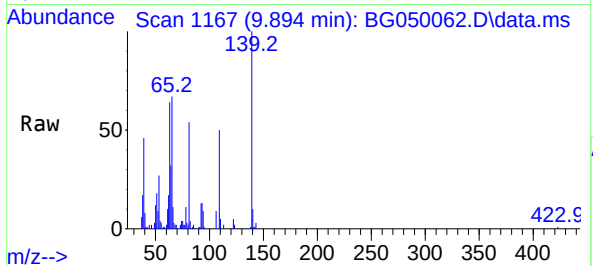


Tgt Ion: 82 Resp: 159398
Ion Ratio Lower Upper
82 100
95 9.1 7.8 11.8
138 16.3 11.4 17.0

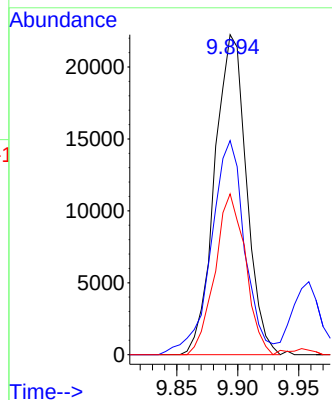




#25
2-Nitrophenol
Concen: 44.172 ng/ul
RT: 9.894 min Scan# 1167
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



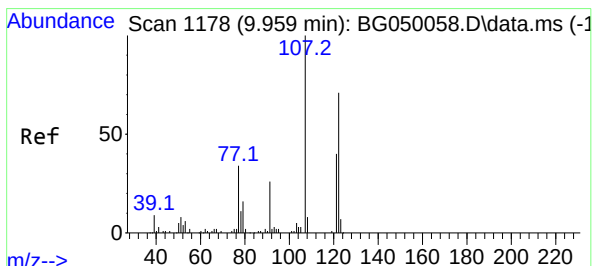
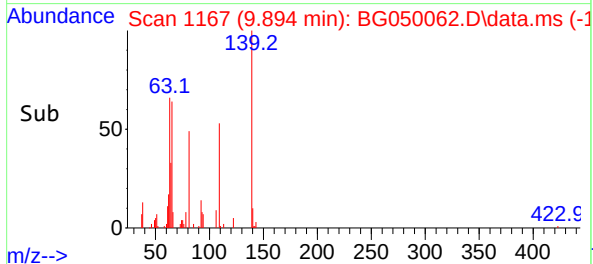
Tgt Ion:139 Resp: 40326
Ion Ratio Lower Upper
139 100
65 66.9 53.1 79.7
109 50.3 44.1 66.1



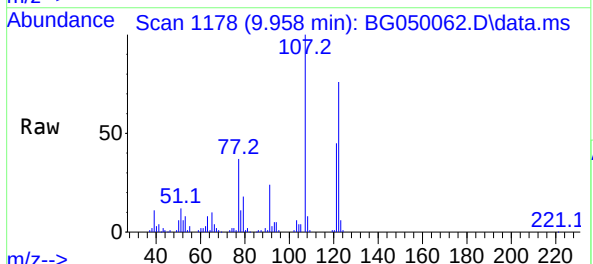
Instrument :
BNA_G
ClientSampled :
SLCS651

Manual Integrations
APPROVED

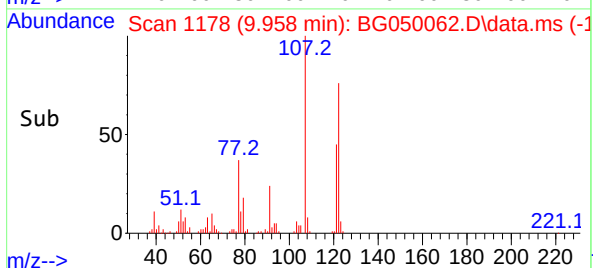
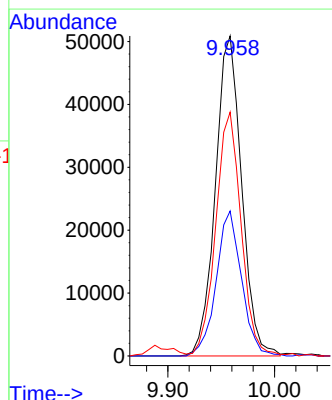
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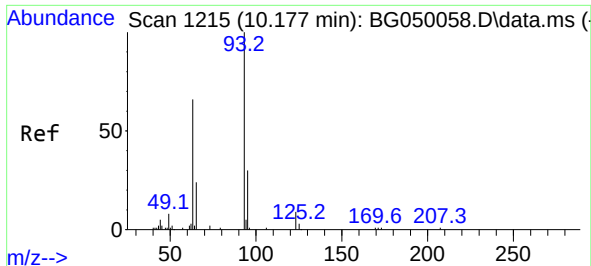


#26
2,4-Dimethylphenol
Concen: 42.831 ng/ul
RT: 9.958 min Scan# 1178
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



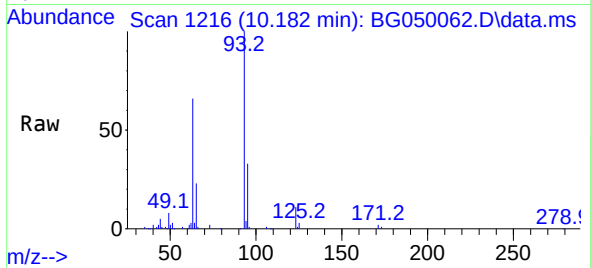
Tgt Ion:107 Resp: 86900
Ion Ratio Lower Upper
107 100
121 45.3 32.7 49.1
122 76.2 52.6 79.0





#27
 Bis(2-Chloroethoxy)methane
 Concen: 43.467 ng/ul
 RT: 10.182 min Scan# 1216
 Delta R.T. 0.001 min
 Lab File: BG050062.D
 Acq: 31 Aug 2021 12:59

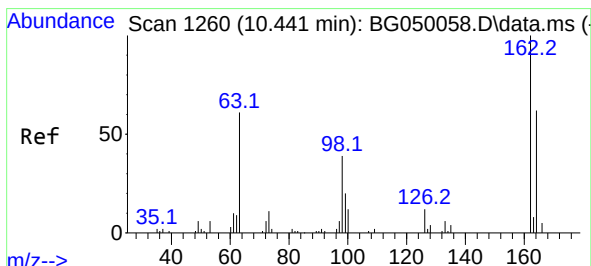
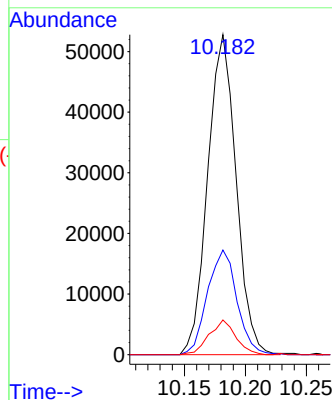
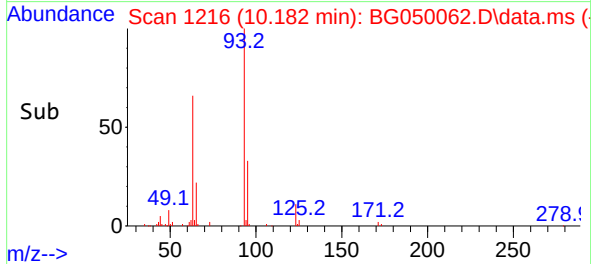
Instrument :
 BNA_G
 ClientSampled :
 SLCS651



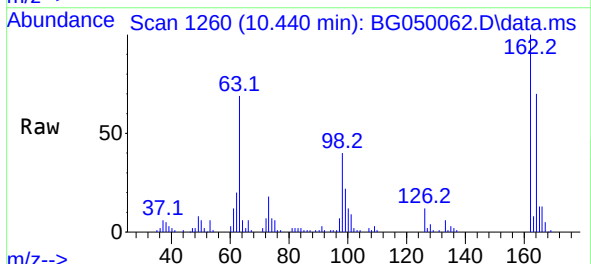
Tgt Ion: 93 Resp: 85455
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.8 37.2
 123 10.9 8.2 12.2

Manual Integrations
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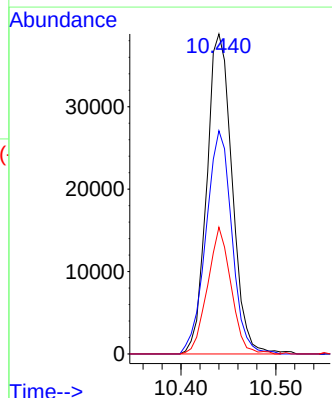
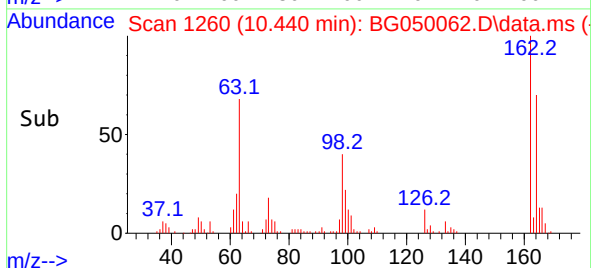
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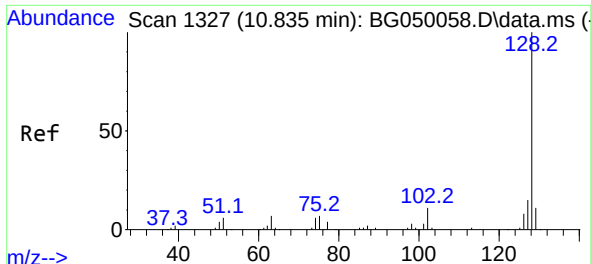


#29
 2,4-Dichlorophenol
 Concen: 46.838 ng/ul
 RT: 10.440 min Scan# 1260
 Delta R.T. 0.007 min
 Lab File: BG050062.D
 Acq: 31 Aug 2021 12:59

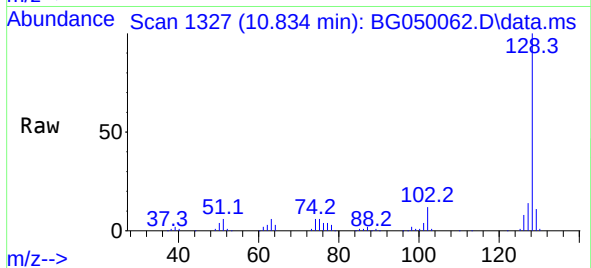


Tgt Ion: 162 Resp: 71999
 Ion Ratio Lower Upper
 162 100
 164 69.8 51.0 76.6
 98 39.6 27.8 41.8

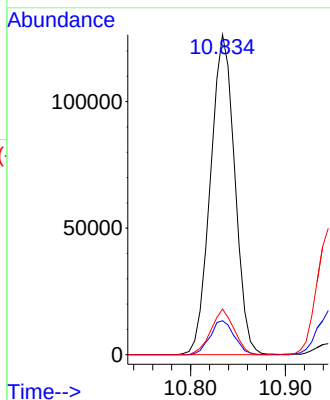
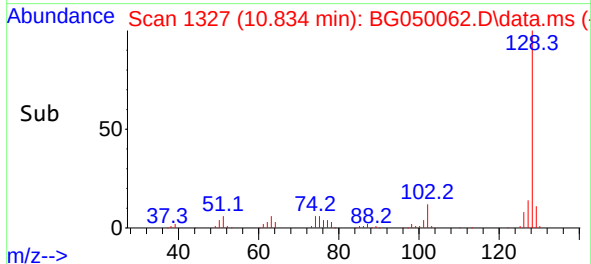




#30
Naphthalene
Concen: 44.352 ng/ul
RT: 10.834 min Scan# 1327
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



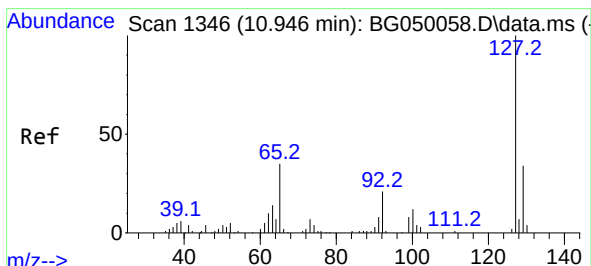
Tgt Ion:128 Resp: 225491
Ion Ratio Lower Upper
128 100
129 10.6 9.3 13.9
127 14.2 9.8 14.6



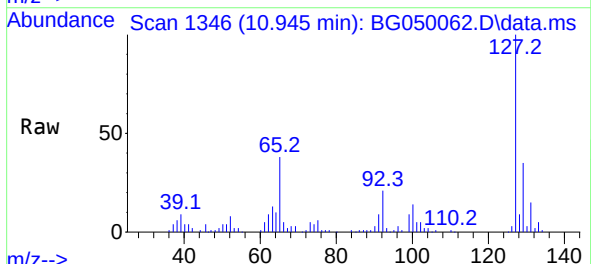
Instrument :
BNA_G
ClientSampled :
SLCS651

Manual Integrations
APPROVED

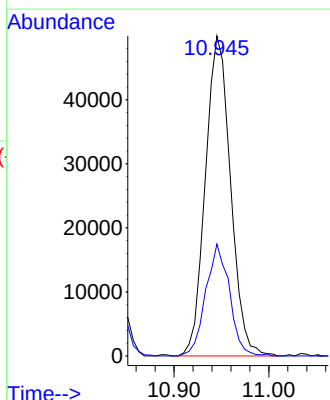
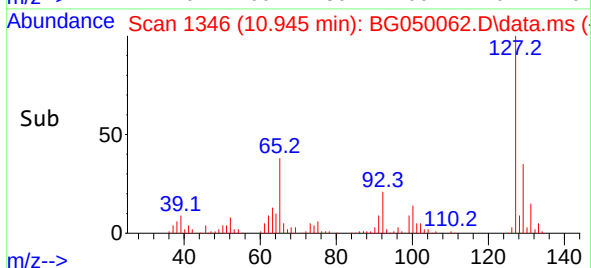
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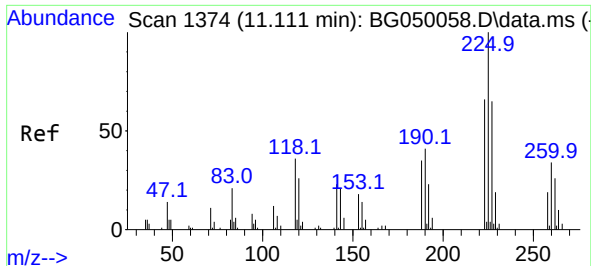


#32
4-Chloroaniline
Concen: 41.940 ng/ul
RT: 10.945 min Scan# 1346
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



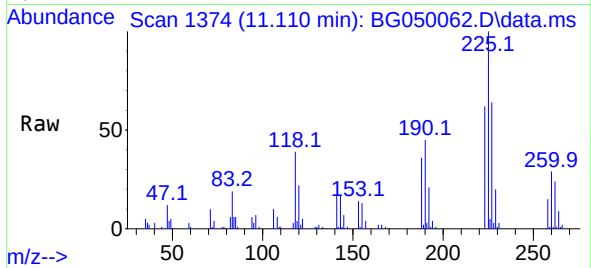
Tgt Ion:127 Resp: 92076
Ion Ratio Lower Upper
127 100
129 34.9 30.3 45.5





#33
Hexachlorobutadiene
Concen: 44.038 ng/ul
RT: 11.110 min Scan# 1374
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

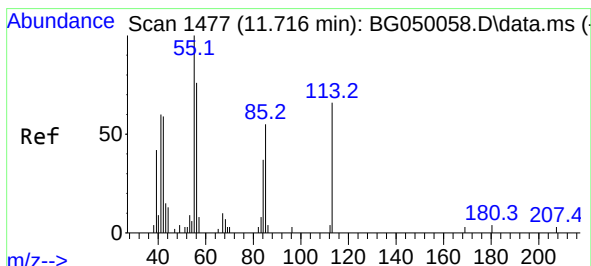
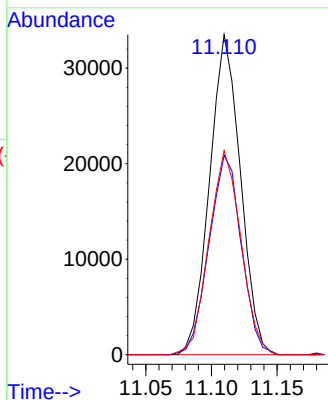
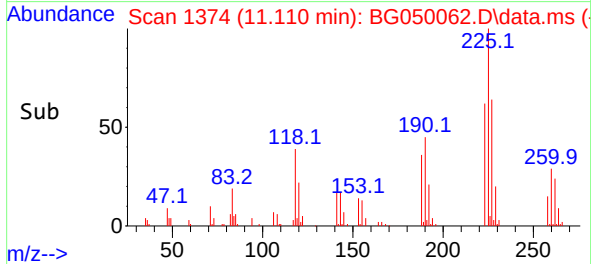
Instrument :
BNA_G
ClientSampled :
SLCS651



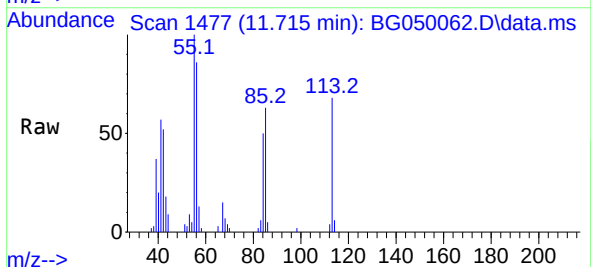
Tgt Ion:225 Resp: 54764
Ion Ratio Lower Upper
225 100
223 62.3 51.3 76.9
227 63.8 55.1 82.7

Manual Integrations
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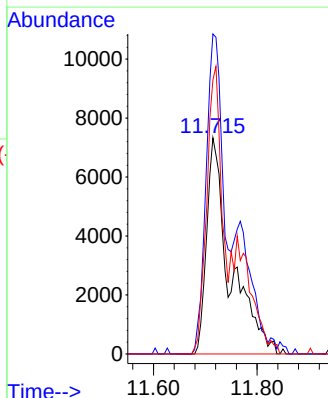
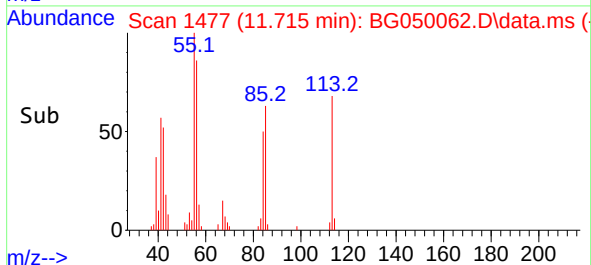
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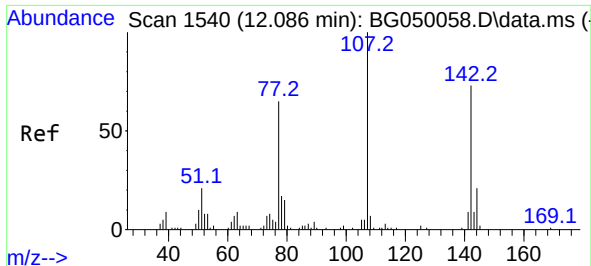


#34
Caprolactam
Concen: 42.753 ng/ul m
RT: 11.715 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



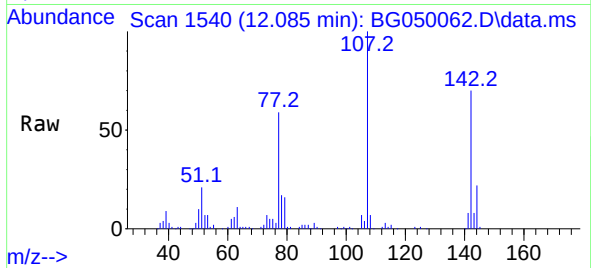
Tgt Ion:113 Resp: 23021
Ion Ratio Lower Upper
113 100
55 148.1 114.0 171.0
56 126.8 107.4 161.0





#35
4-Chloro-3-methylphenol
Concen: 46.907 ng/ul
RT: 12.085 min Scan# 1540
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

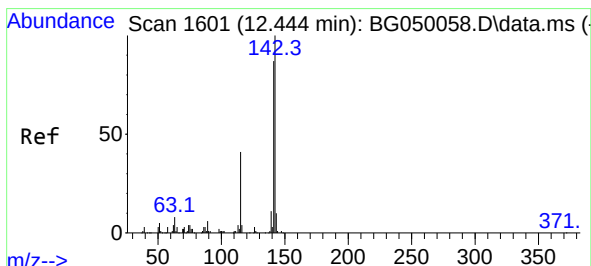
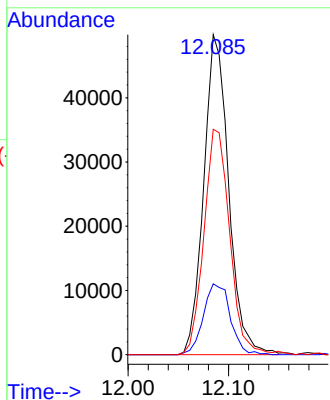
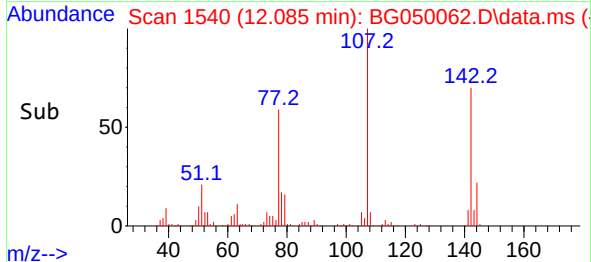
Instrument :
BNA_G
ClientSampled :
SLCS651



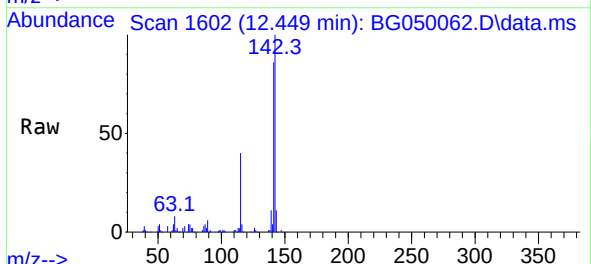
Tgt Ion:107 Resp: 86176
Ion Ratio Lower Upper
107 100
144 22.2 18.9 28.3
142 70.5 59.2 88.8

Manual Integrations
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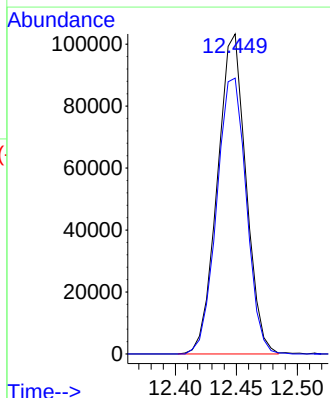
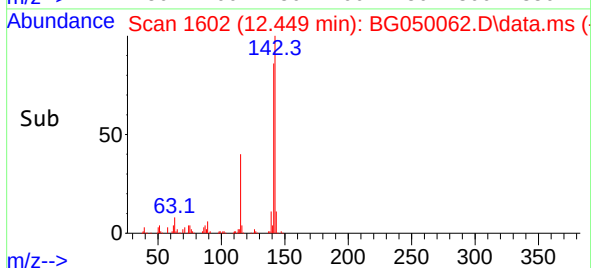
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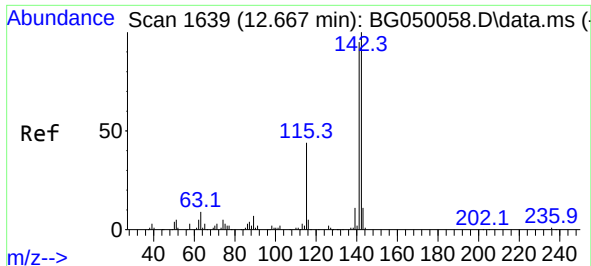


#36
2-Methylnaphthalene
Concen: 44.642 ng/ul
RT: 12.449 min Scan# 1602
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



Tgt Ion:142 Resp: 168714
Ion Ratio Lower Upper
142 100
141 86.2 70.5 105.7





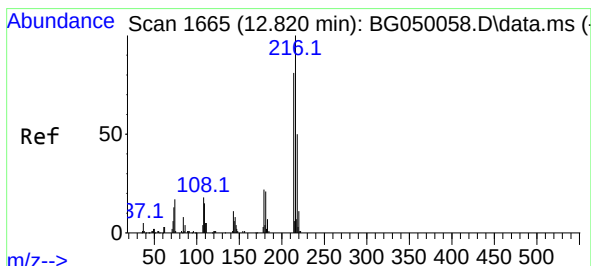
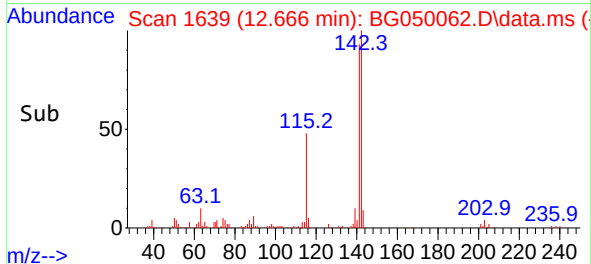
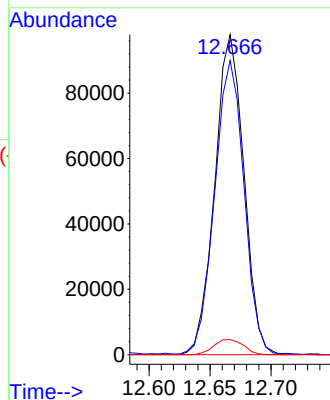
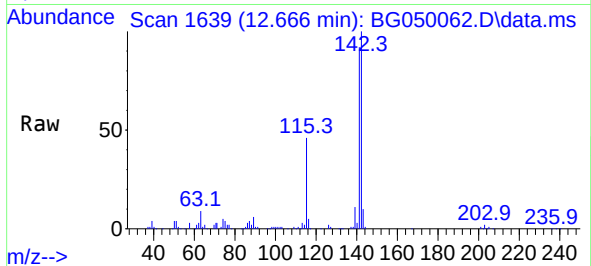
#37
1-Methylnaphthalene
Concen: 42.604 ng/ul
RT: 12.666 min Scan# 1639
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

Tgt Ion:142 Resp: 162524
Ion Ratio Lower Upper
142 100
141 91.9 75.8 113.8
116 4.7 3.7 5.5

Instrument :
BNA_G
ClientSampled :
SLCS651

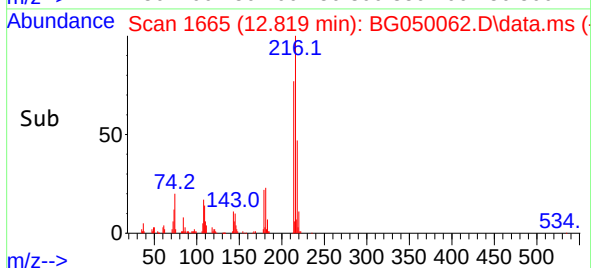
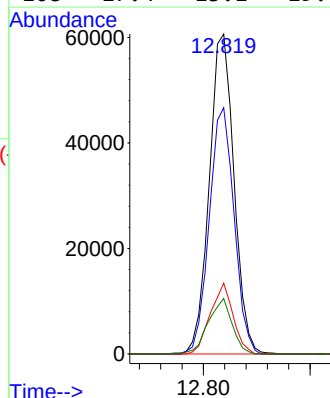
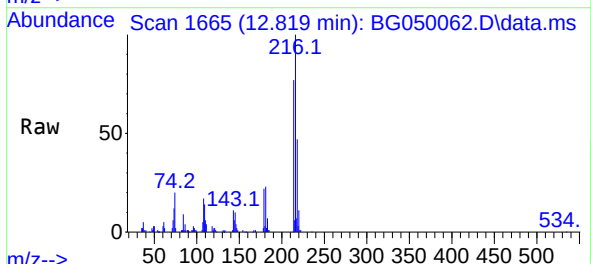
Manual Integrations
APPROVED

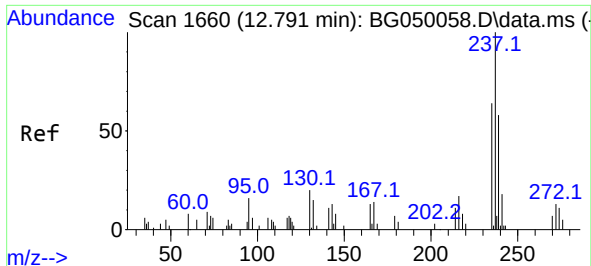
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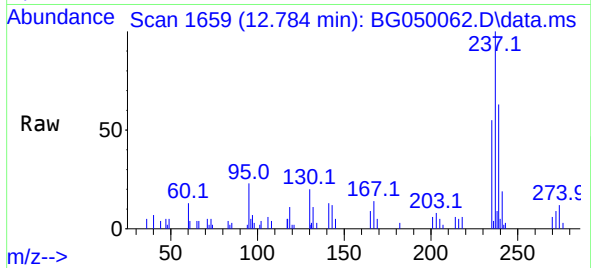
#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.243 ng/ul
RT: 12.819 min Scan# 1665
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

Tgt Ion:216 Resp: 97609
Ion Ratio Lower Upper
216 100
214 76.9 64.2 96.2
179 22.2 12.8 19.2#
108 17.4 13.1 19.7





#40
Hexachlorocyclopentadiene
Concen: 15.015 ng/ul
RT: 12.784 min Scan# 1659
Delta R.T. -0.005 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

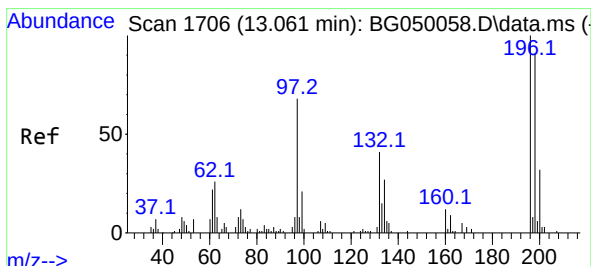
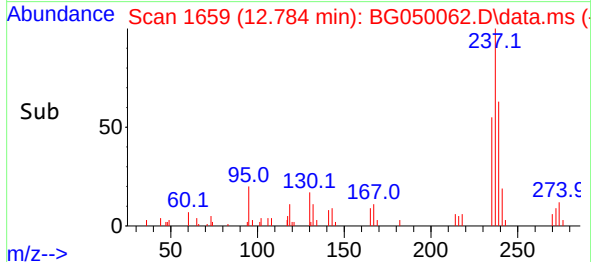
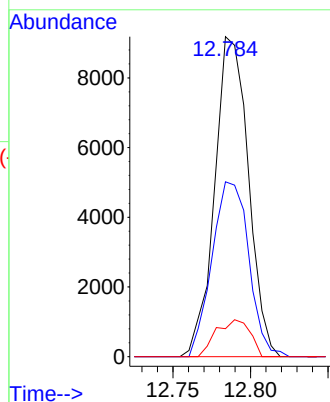


Tgt Ion:237 Resp: 13884
Ion Ratio Lower Upper
237 100
235 54.7 53.5 80.3
272 8.7 11.5 17.3#

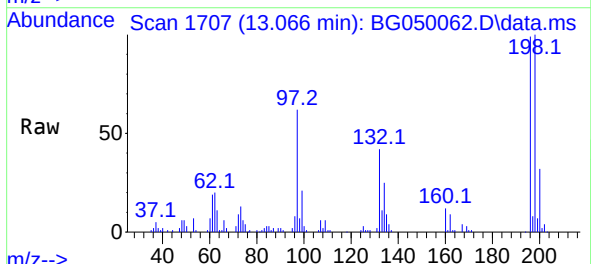
Instrument :
BNA_G
ClientSampled :
SLCS651

Manual Integrations
APPROVED

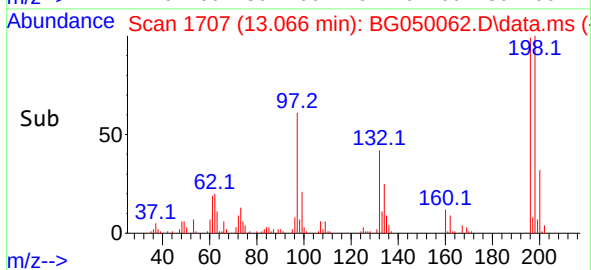
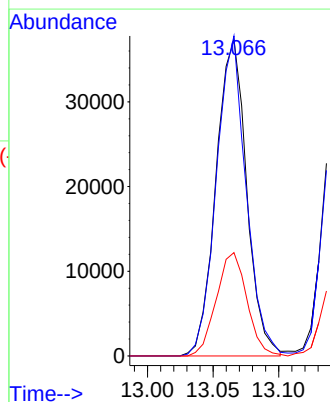
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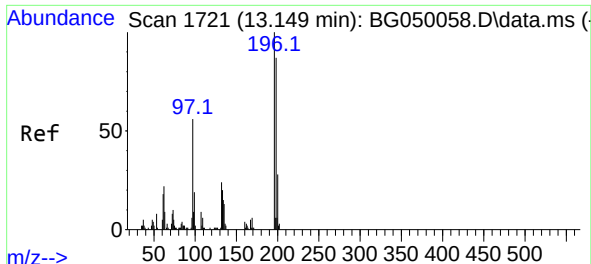


#41
2,4,6-Trichlorophenol
Concen: 46.044 ng/ul
RT: 13.066 min Scan# 1707
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



Tgt Ion:196 Resp: 60625
Ion Ratio Lower Upper
196 100
198 101.2 83.7 125.5
200 32.7 25.9 38.9





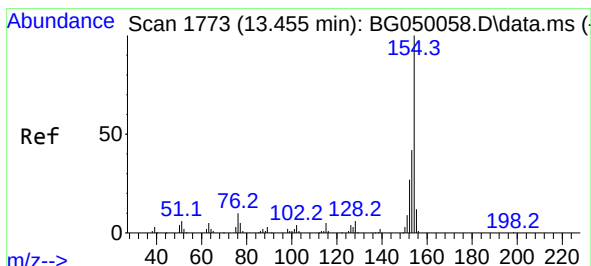
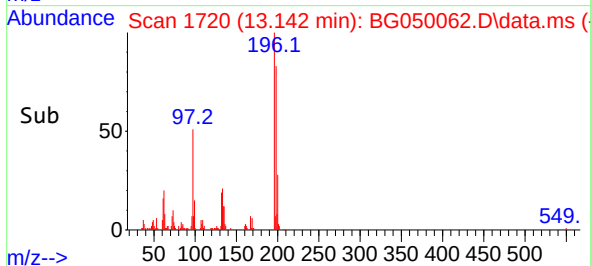
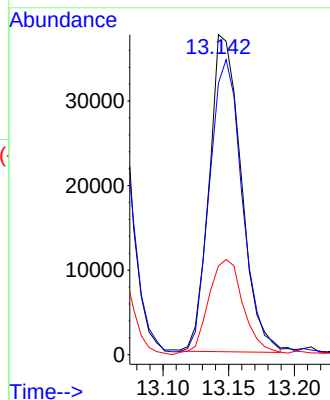
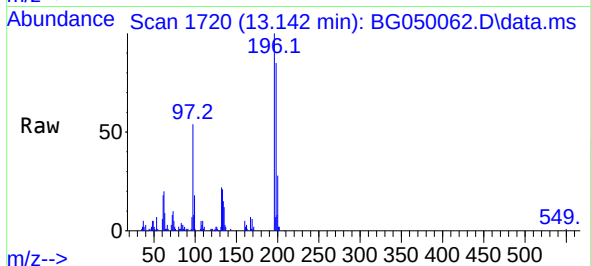
#42
2,4,5-Trichlorophenol
Concen: 45.937 ng/ul
RT: 13.142 min Scan# 1720
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

Tgt Ion:	196	Resp:	63391
Ion Ratio	Lower	Upper	
196	100		
198	84.8	70.3	105.5
200	27.8	26.6	40.0

Instrument :
BNA_G
ClientSampled :
SLCS651

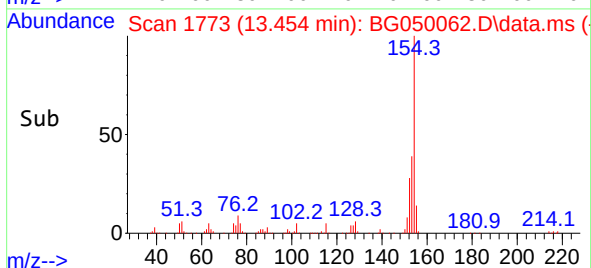
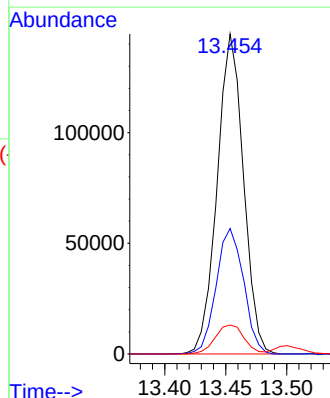
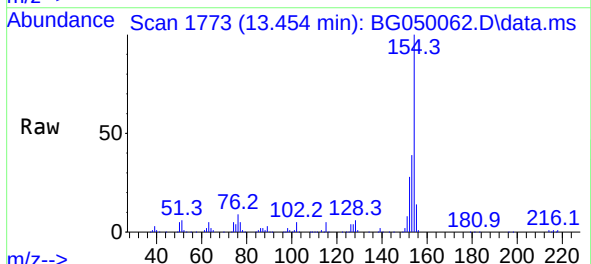
Manual Integrations
APPROVED

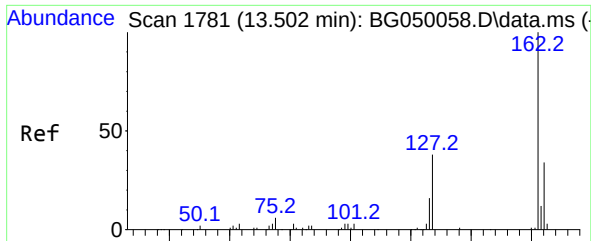
mohammad
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#43
1,1'-Biphenyl
Concen: 44.143 ng/ul
RT: 13.454 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

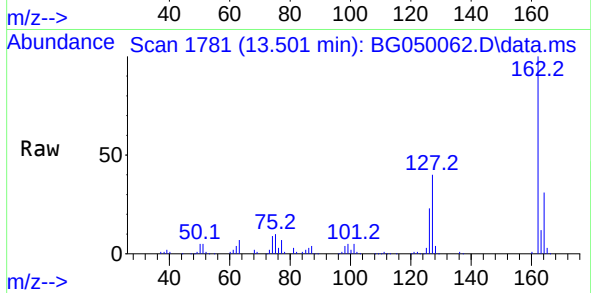
Tgt Ion:	154	Resp:	216940
Ion Ratio	Lower	Upper	
154	100		
153	39.2	32.5	48.7
76	9.0	7.8	11.8





#44
2-Chloronaphthalene
Concen: 44.612 ng/ul
RT: 13.501 min Scan# 1781
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

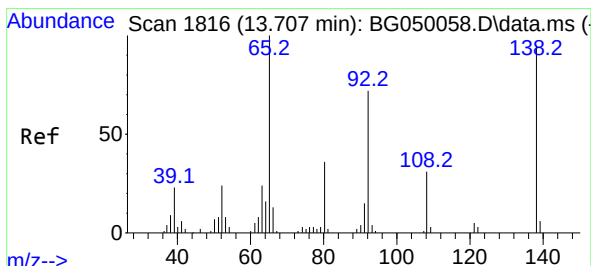
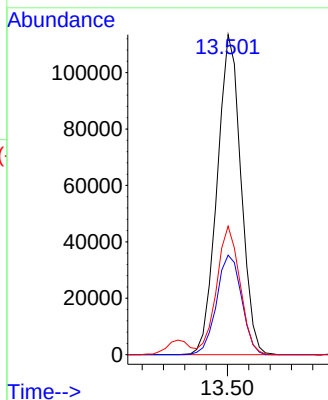
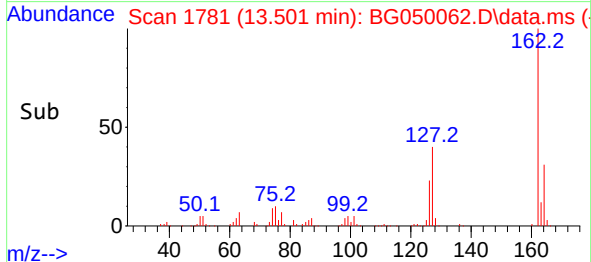
Instrument :
BNA_G
ClientSampled :
SLCS651



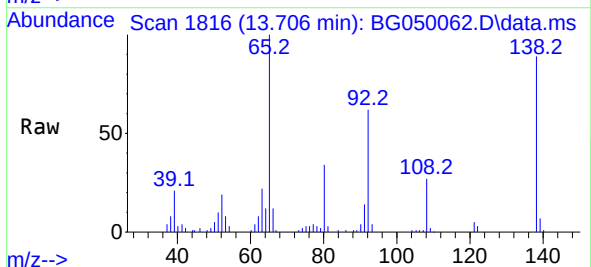
Tgt Ion:162 Resp: 176105
Ion Ratio Lower Upper
162 100
164 31.1 25.2 37.8
127 40.2 31.9 47.9

Manual Integrations
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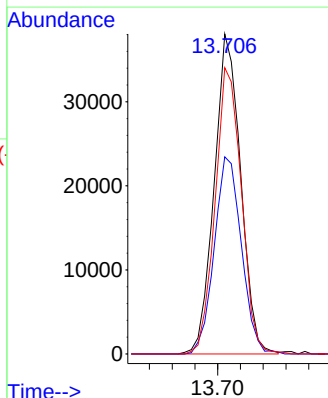
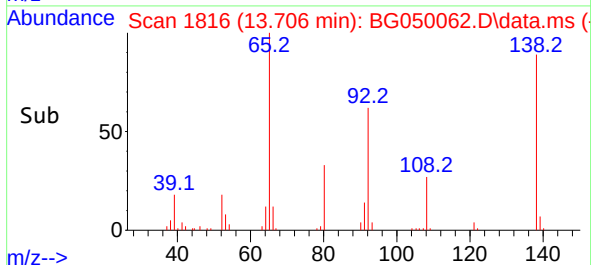
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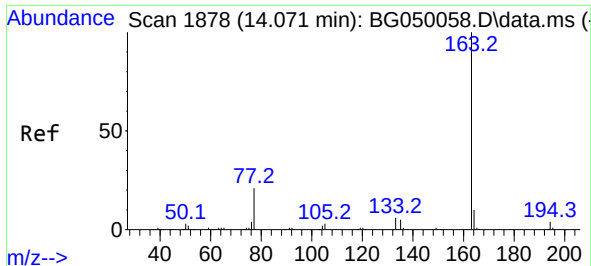


#45
2-Nitroaniline
Concen: 45.797 ng/ul
RT: 13.706 min Scan# 1816
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

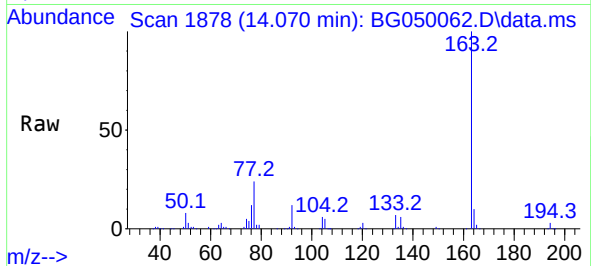


Tgt Ion: 65 Resp: 61380
Ion Ratio Lower Upper
65 100
92 61.6 55.6 83.4
138 89.4 78.7 118.1

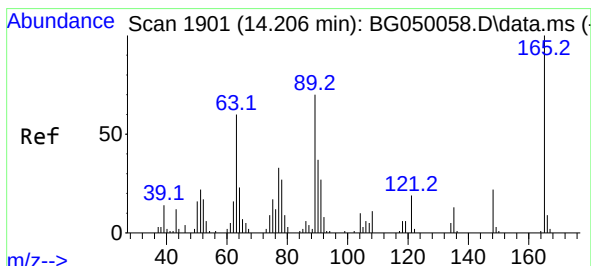
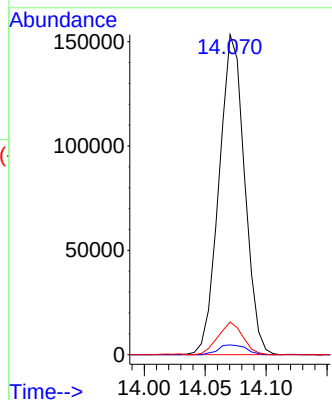
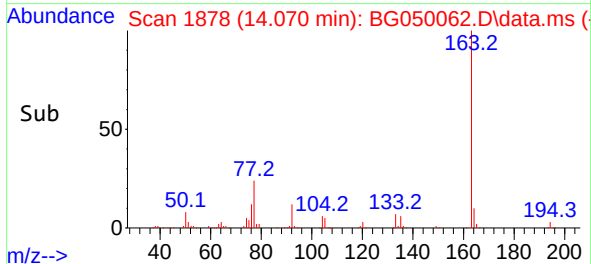




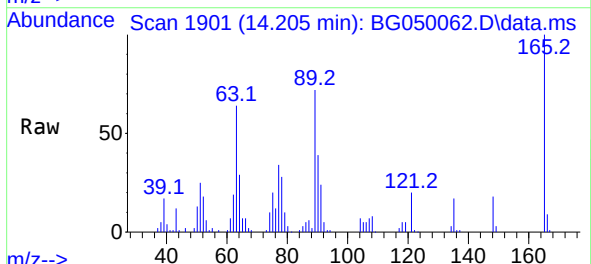
#47
Dimethylphthalate
Concen: 41.970 ng/ul
RT: 14.070 min Scan# 1878
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



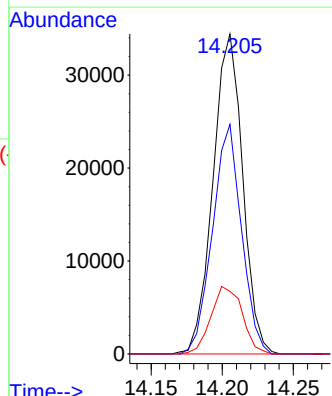
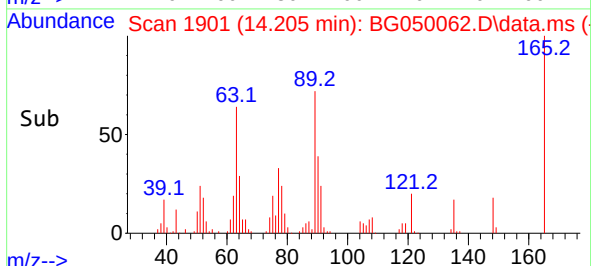
Tgt Ion:163 Resp: 223608
Ion Ratio Lower Upper
163 100
194 3.1 3.4 5.0#
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 45.357 ng/ul
RT: 14.205 min Scan# 1901
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



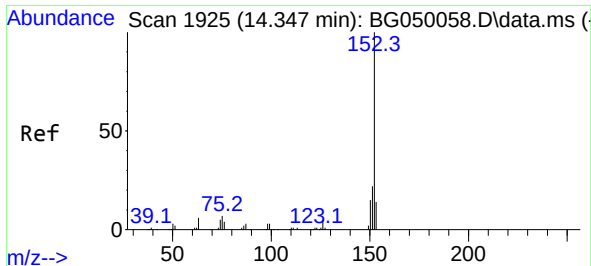
Tgt Ion:165 Resp: 49892
Ion Ratio Lower Upper
165 100
89 71.7 62.5 93.7
121 19.5 22.2 33.2#



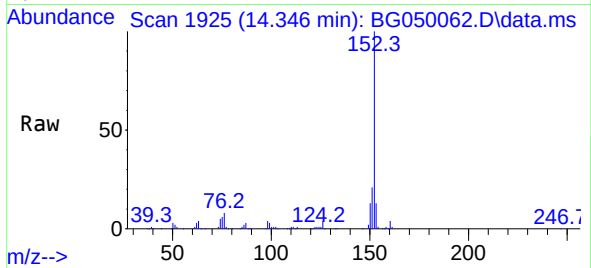
Instrument :
BNA_G
ClientSampled :
SLCS651

Manual Integrations
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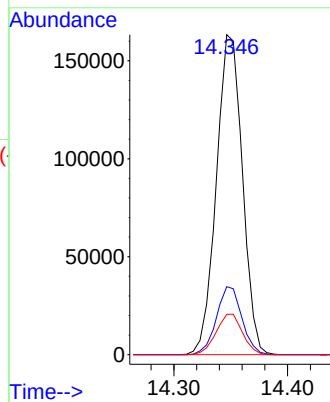
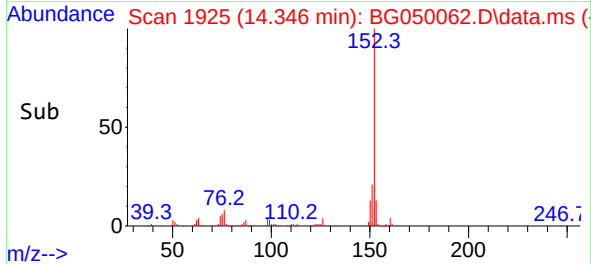
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#50
Acenaphthylene
Concen: 45.081 ng/ul
RT: 14.346 min Scan# 1925
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



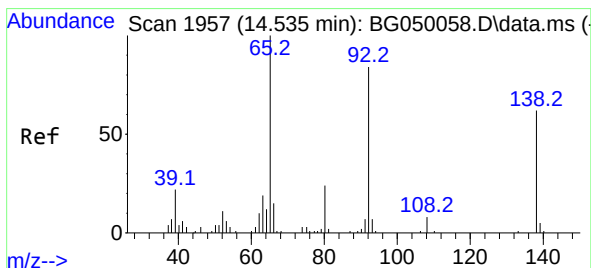
Tgt Ion:152 Resp: 260078
Ion Ratio Lower Upper
152 100
151 21.2 15.2 22.8
153 12.6 10.7 16.1



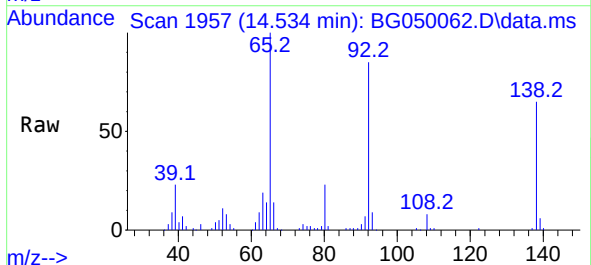
Instrument :
BNA_G
ClientSampleId :
SLCS651

Manual Integrations
APPROVED

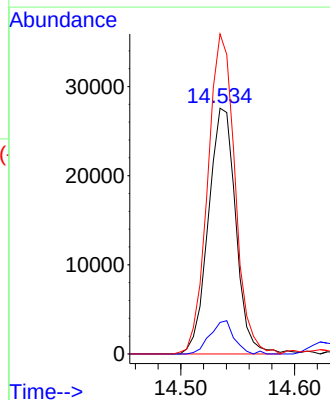
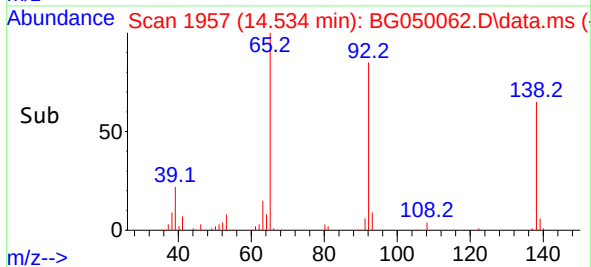
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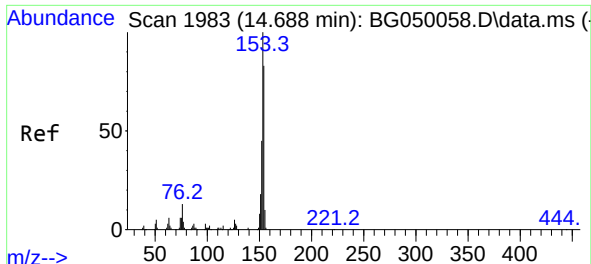


#51
3-Nitroaniline
Concen: 43.414 ng/ul
RT: 14.534 min Scan# 1957
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



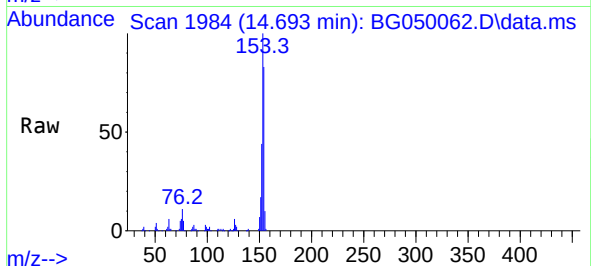
Tgt Ion:138 Resp: 46081
Ion Ratio Lower Upper
138 100
108 12.9 9.0 13.4
92 130.2 96.4 144.6





#52
Acenaphthene
Concen: 45.628 ng/ul
RT: 14.693 min Scan# 1984
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

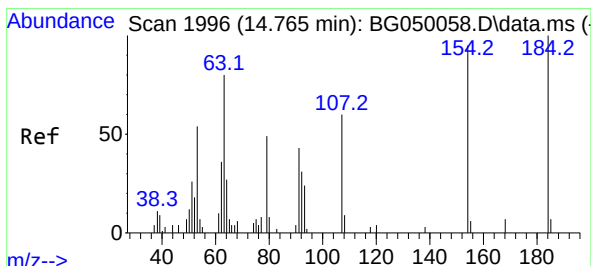
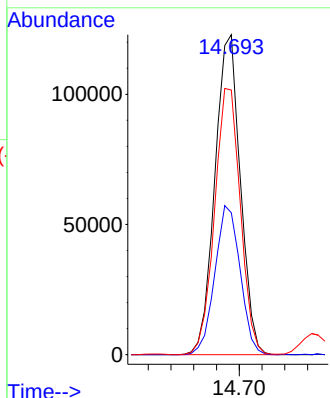
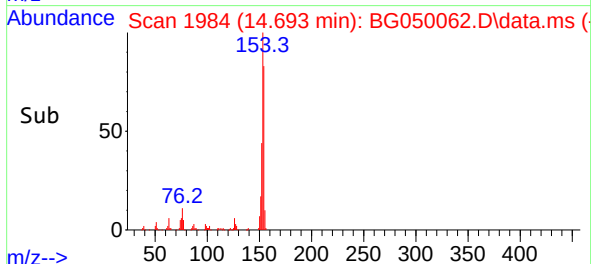
Instrument :
BNA_G
ClientSampleId :
SLCS651



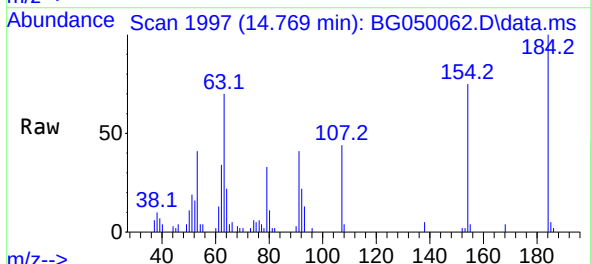
Tgt Ion:153 Resp: 190950
Ion Ratio Lower Upper
153 100
152 44.3 37.4 56.2
154 82.7 71.5 107.3

Manual Integrations
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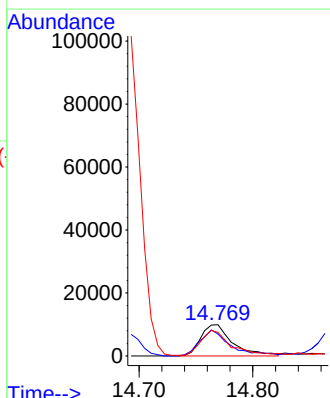
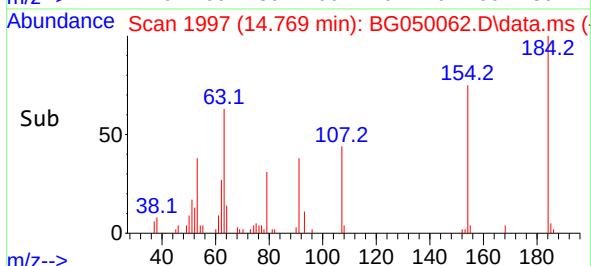
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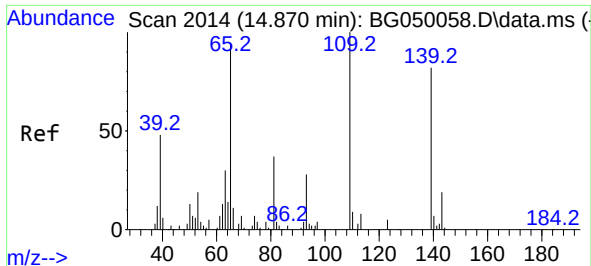


#53
2,4-Dinitrophenol
Concen: 34.200 ng/ul
RT: 14.769 min Scan# 1997
Delta R.T. 0.012 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



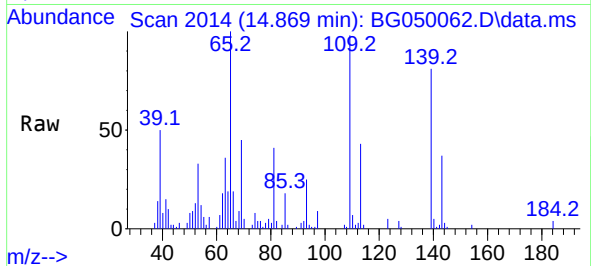
Tgt Ion:184 Resp: 19214
Ion Ratio Lower Upper
184 100
63 70.4 75.8 113.8#
154 75.4 64.6 96.8





#55
4-Nitrophenol
Concen: 39.628 ng/ul
RT: 14.869 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

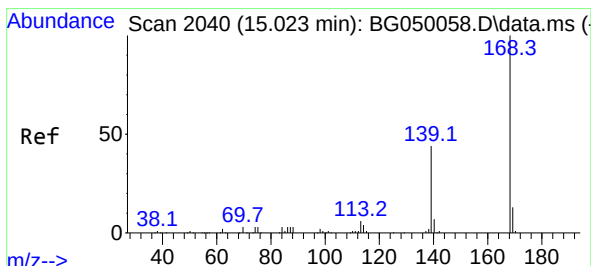
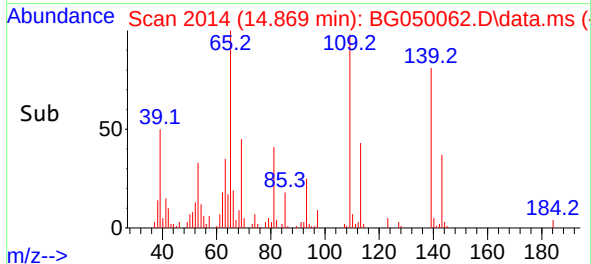
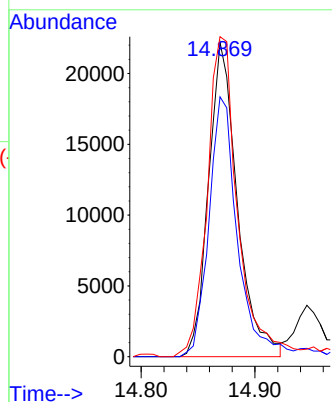
Instrument :
BNA_G
ClientSampled :
SLCS651



Tgt Ion:109 Resp: 39134
Ion Ratio Lower Upper
109 100
139 82.7 61.4 92.0
65 101.8 76.5 114.7

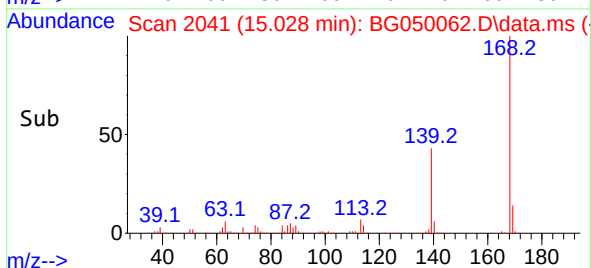
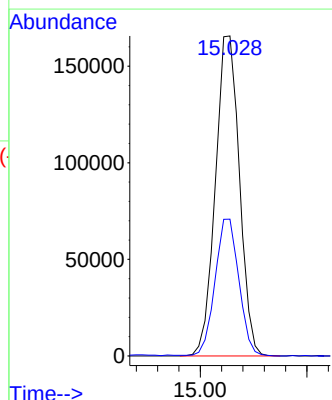
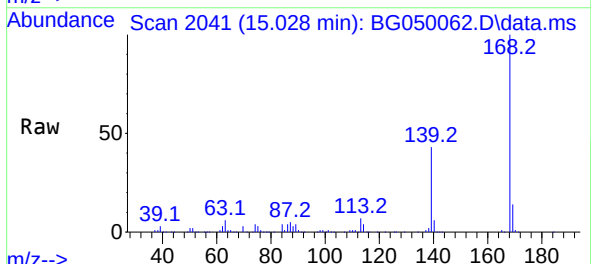
Manual Integrations
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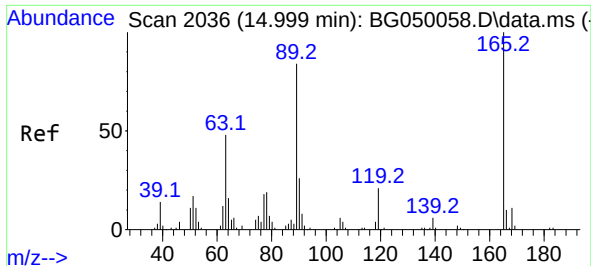
mohammad
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#56
Dibenzofuran
Concen: 44.711 ng/ul
RT: 15.028 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

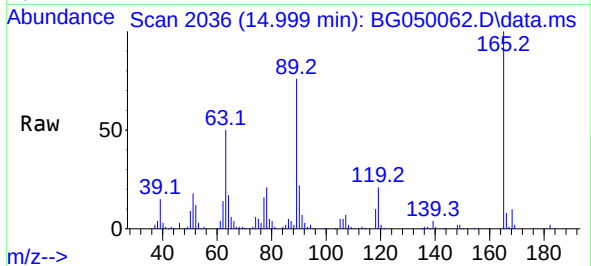
Tgt Ion:168 Resp: 259121
Ion Ratio Lower Upper
168 100
139 42.7 33.8 50.8





#57
2,4-Dinitrotoluene
Concen: 46.589 ng/ul
RT: 14.999 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

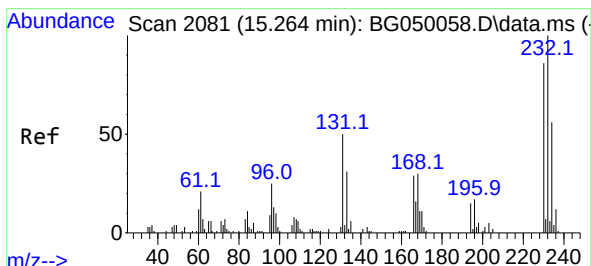
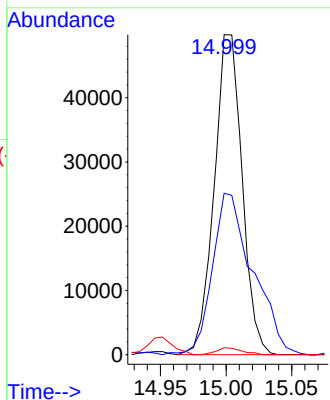
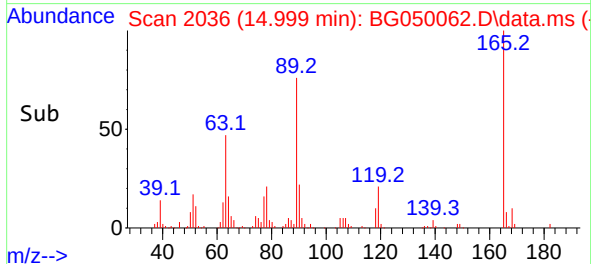
Instrument :
BNA_G
ClientSampled :
SLCS651



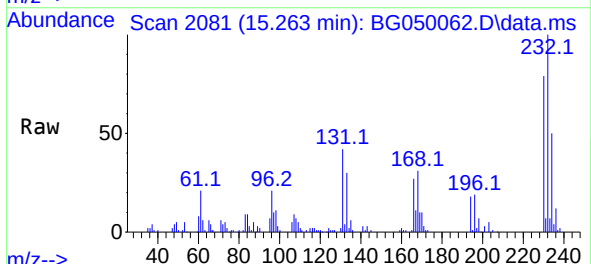
Tgt Ion:165 Resp: 73715
Ion Ratio Lower Upper
165 100
63 50.4 42.3 63.5
182 2.2 2.6 4.0#

Manual Integrations
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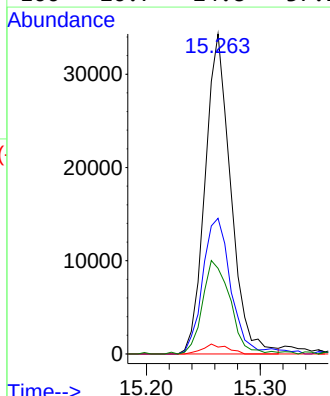
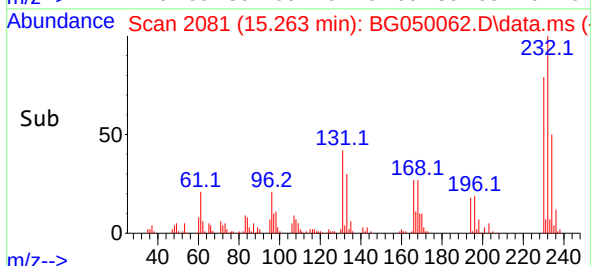
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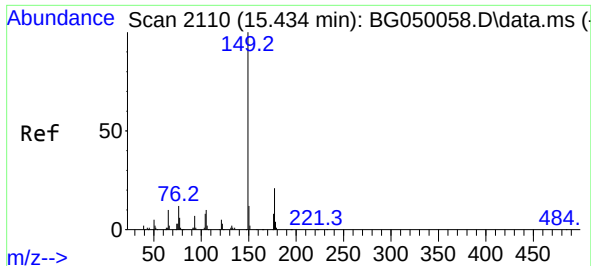


#58
2,3,4,6-Tetrachlorophenol
Concen: 47.020 ng/ul
RT: 15.263 min Scan# 2081
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



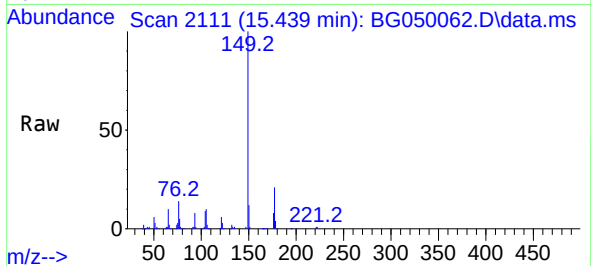
Tgt Ion:232 Resp: 53768
Ion Ratio Lower Upper
232 100
131 42.4 40.0 60.0
130 2.2 1.8 2.8
166 26.7 24.8 37.2





#59
Diethylphthalate
Concen: 42.317 ng/ul
RT: 15.439 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

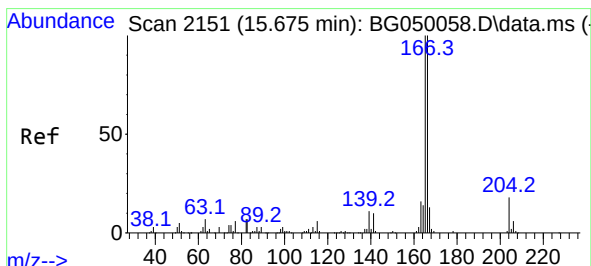
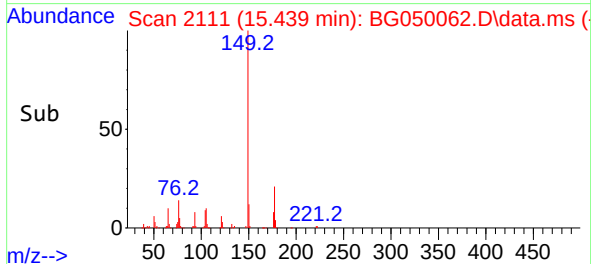
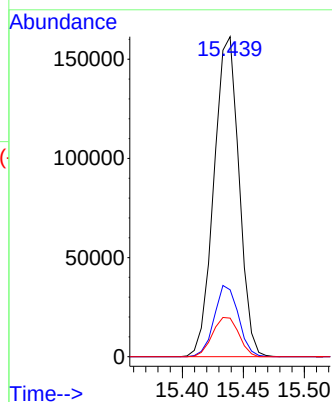
Instrument :
BNA_G
ClientSampled :
SLCS651



Tgt Ion:149 Resp: 230641
Ion Ratio Lower Upper
149 100
177 20.9 15.8 23.6
150 12.1 9.7 14.5

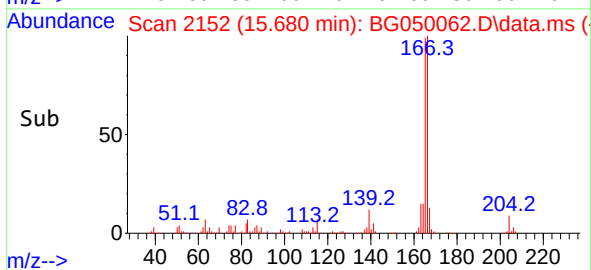
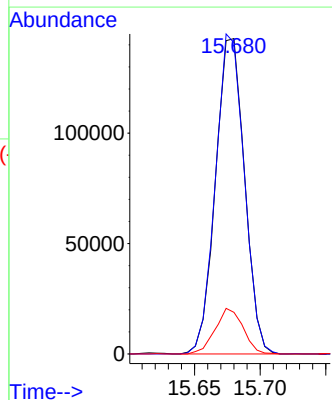
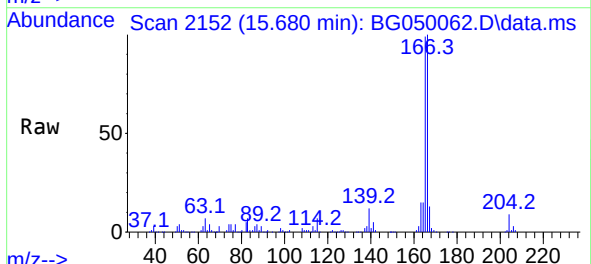
Manual Integrations
APPROVED

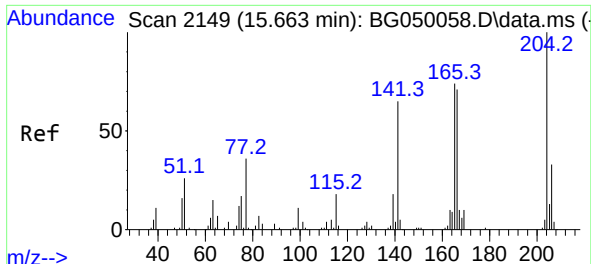
mohammad
9/1/2021 4:49:23 PM



#61
Fluorene
Concen: 44.921 ng/ul
RT: 15.680 min Scan# 2152
Delta R.T. 0.012 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

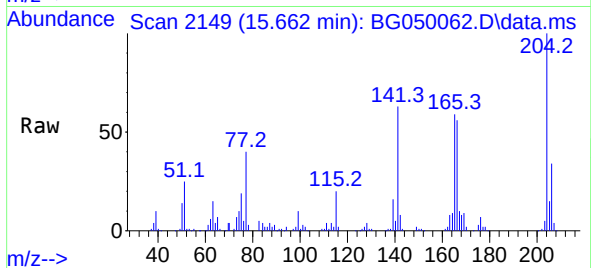
Tgt Ion:166 Resp: 219643
Ion Ratio Lower Upper
166 100
165 98.7 83.3 124.9
167 13.2 11.8 17.6





#62
4-Chlorophenyl-phenylether
Concen: 43.562 ng/ul
RT: 15.662 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

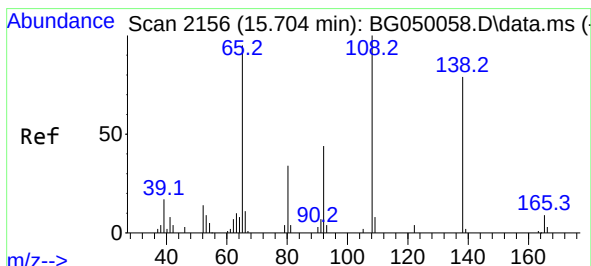
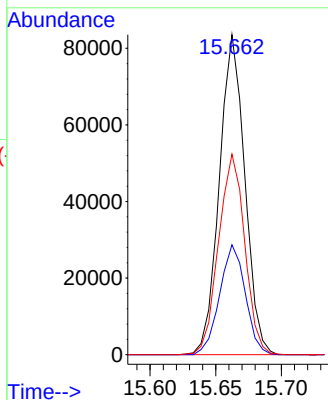
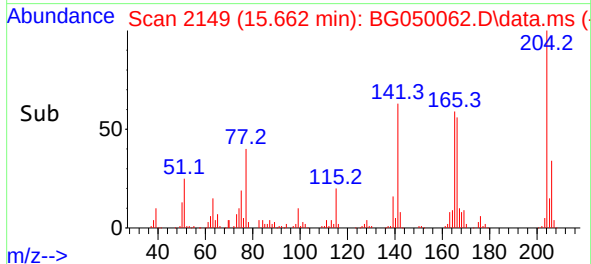
Instrument :
BNA_G
ClientSampled :
SLCS651



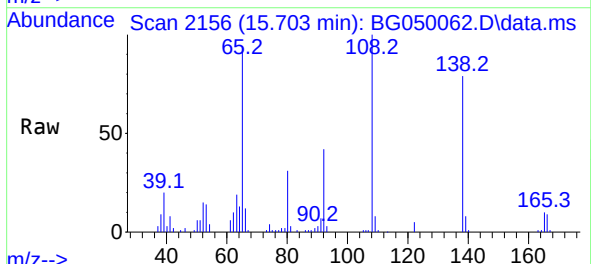
Tgt Ion:204 Resp: 112699
Ion Ratio Lower Upper
204 100
206 34.4 25.4 38.2
141 62.6 51.8 77.6

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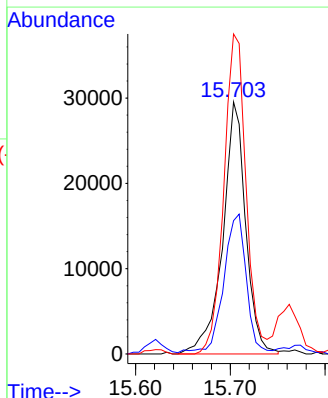
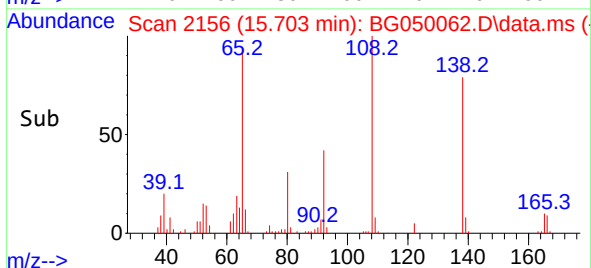
mohammad
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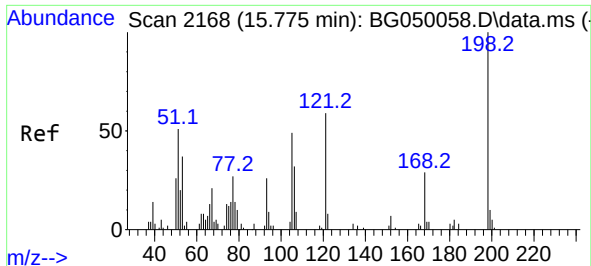


#63
4-Nitroaniline
Concen: 46.929 ng/ul
RT: 15.703 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



Tgt Ion:138 Resp: 49708
Ion Ratio Lower Upper
138 100
92 52.9 50.0 75.0
108 127.0 101.8 152.8





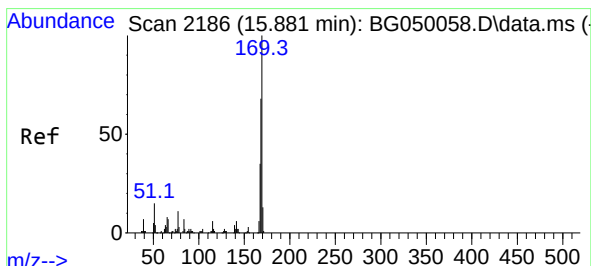
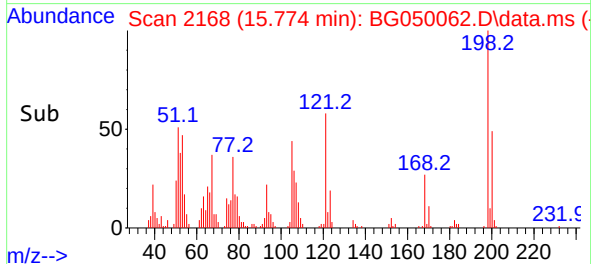
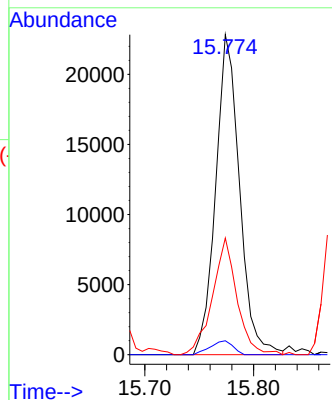
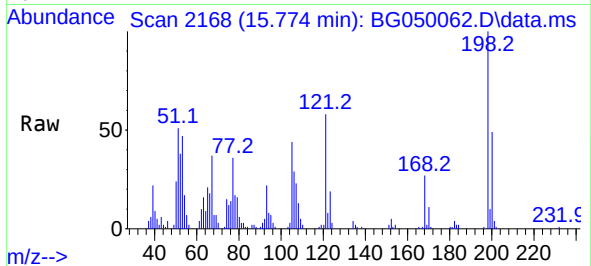
#66
4,6-Dinitro-2-methylphenol
Concen: 37.626 ng/ul m
RT: 15.774 min Scan# 2168
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

Tgt Ion:198 Resp: 34908
Ion Ratio Lower Upper
198 100
182 4.3 3.0 4.6
77 36.5 23.4 35.2#

Instrument :
BNA_G
ClientSampled :
SLCS651

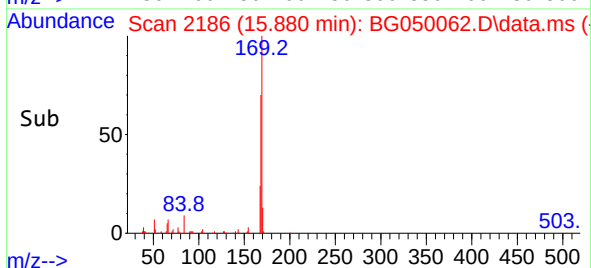
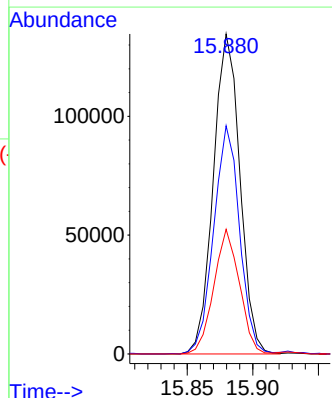
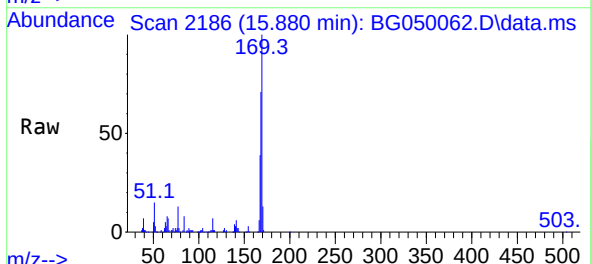
Manual Integrations
APPROVED

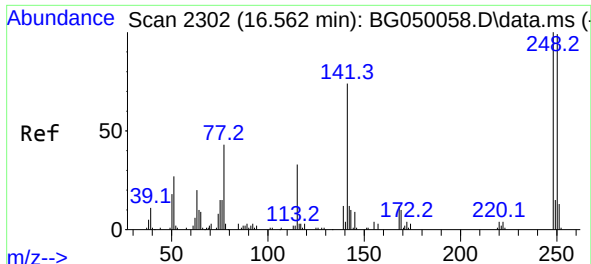
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#67
N-Nitrosodiphenylamine
Concen: 45.274 ng/ul
RT: 15.880 min Scan# 2186
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

Tgt Ion:169 Resp: 189639
Ion Ratio Lower Upper
169 100
168 71.3 55.0 82.6
167 39.0 29.0 43.4





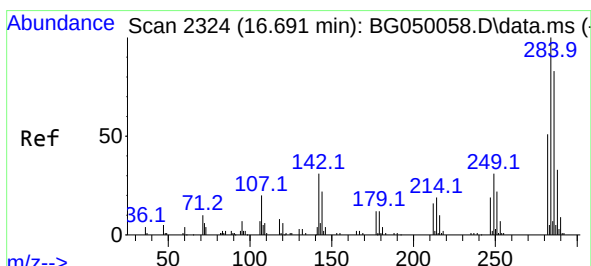
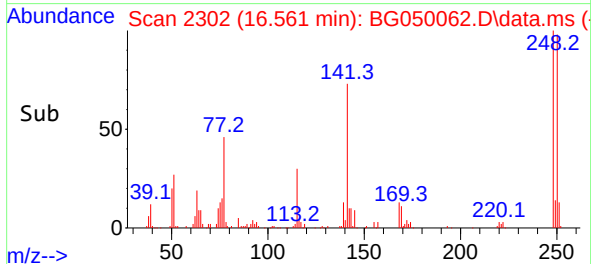
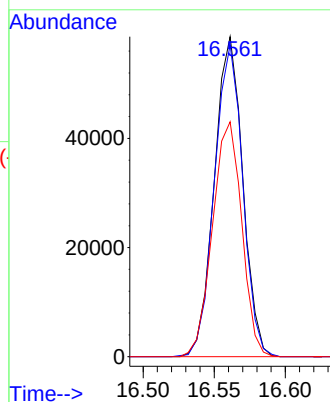
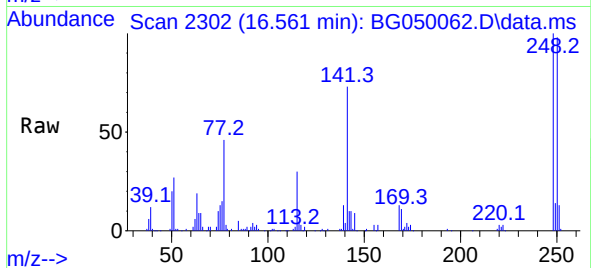
#68
4-Bromophenyl-phenylether
Concen: 46.283 ng/ul
RT: 16.561 min Scan# 2302
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

Instrument :
BNA_G
ClientSampled :
SLCS651

Tgt Ion:248 Resp: 81459
Ion Ratio Lower Upper
248 100
250 97.5 80.2 120.2
141 73.4 60.6 90.8

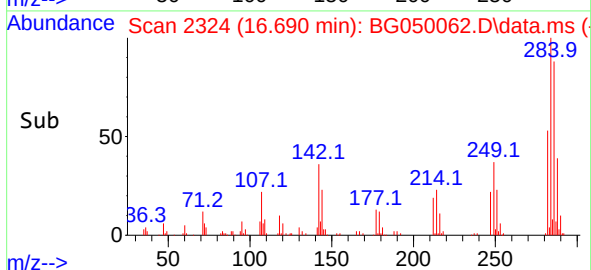
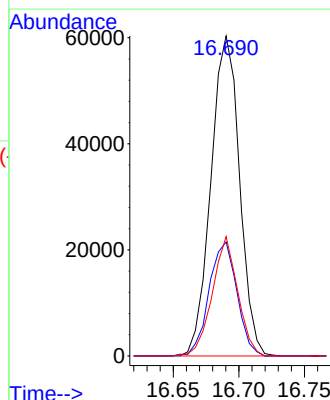
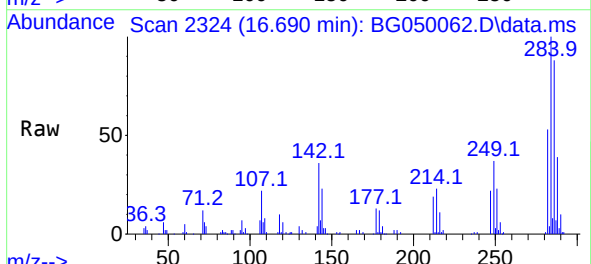
Manual Integrations
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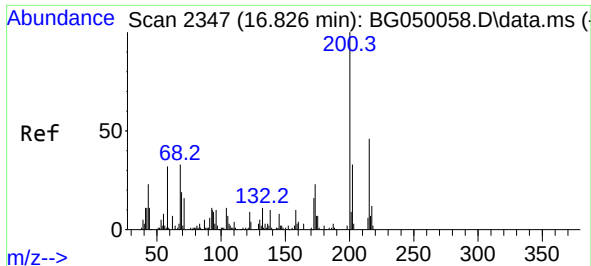
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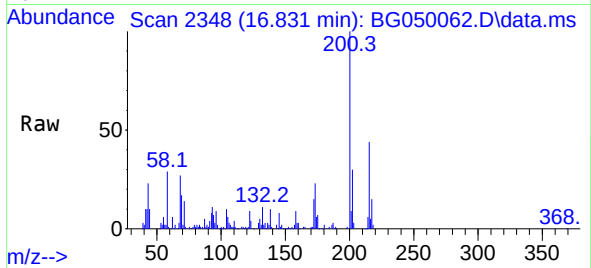
#69
Hexachlorobenzene
Concen: 44.959 ng/ul
RT: 16.690 min Scan# 2324
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

Tgt Ion:284 Resp: 91372
Ion Ratio Lower Upper
284 100
142 35.6 28.7 43.1
249 37.3 25.5 38.3

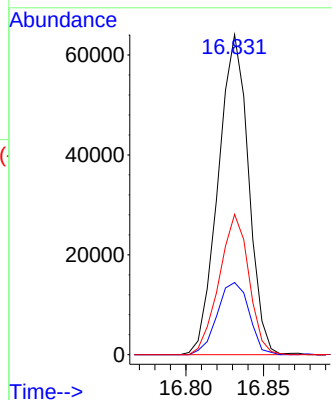




#70
Atrazine
Concen: 46.836 ng/ul
RT: 16.831 min Scan# 2348
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



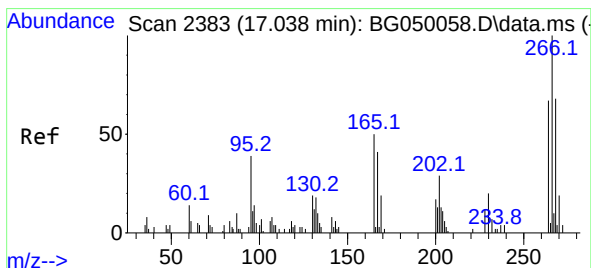
Tgt Ion:200 Resp: 87155
Ion Ratio Lower Upper
200 100
173 22.6 19.3 28.9
215 43.9 34.9 52.3



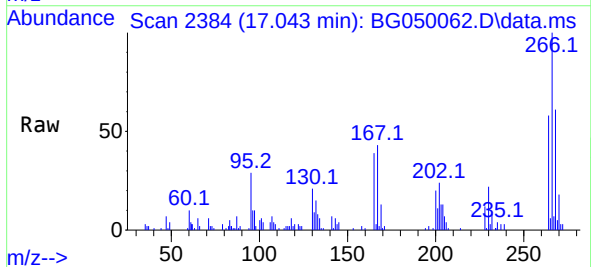
Instrument :
BNA_G
ClientSampled :
SLCS651

Manual Integrations
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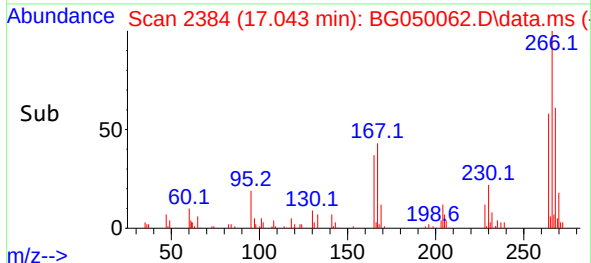
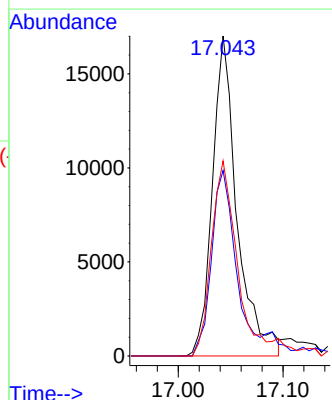
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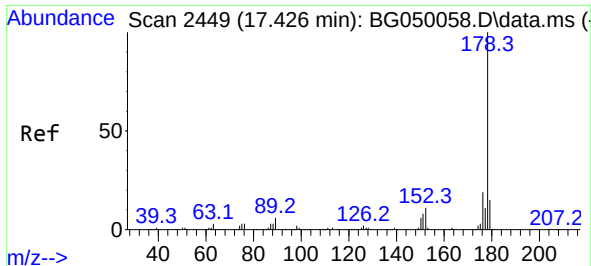


#71
Pentachlorophenol
Concen: 32.315 ng/ul m
RT: 17.043 min Scan# 2384
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



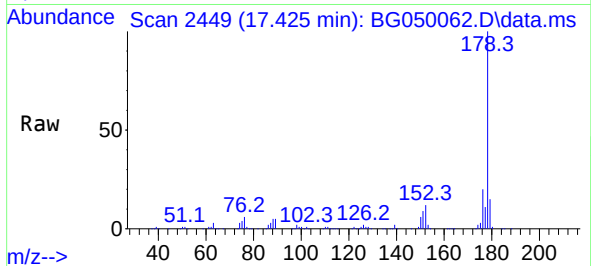
Tgt Ion:266 Resp: 27810
Ion Ratio Lower Upper
266 100
264 57.9 54.1 81.1
268 60.9 52.6 78.8





#72
Phenanthrene
Concen: 45.489 ng/ul m
RT: 17.425 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

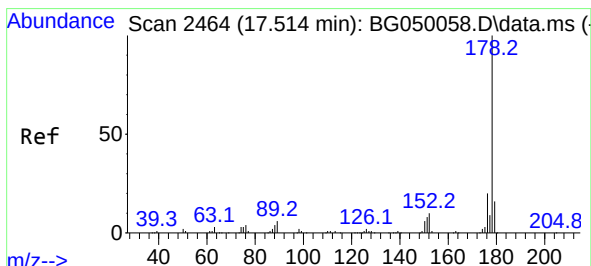
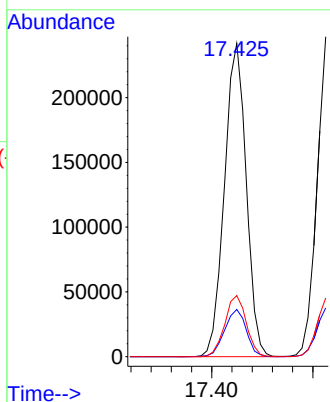
Instrument :
BNA_G
ClientSampled :
SLCS651



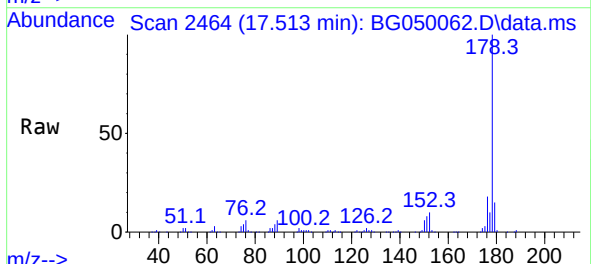
Tgt Ion:178 Resp: 360798
Ion Ratio Lower Upper
178 100
179 15.1 11.7 17.5
176 19.5 16.2 24.2

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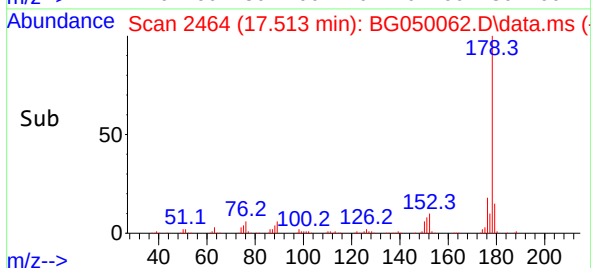
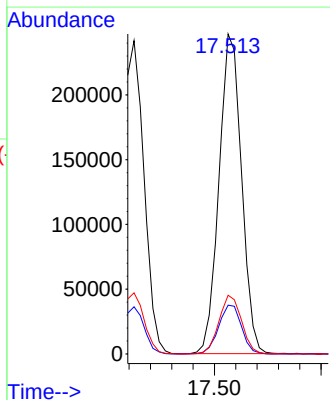
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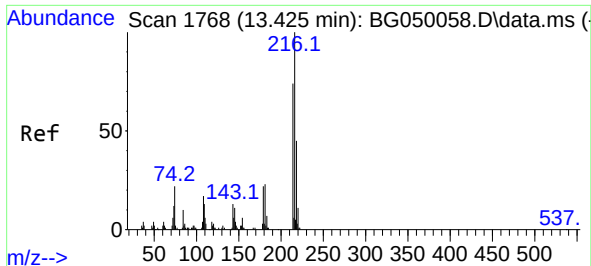


#74
Anthracene
Concen: 44.999 ng/ul
RT: 17.513 min Scan# 2464
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



Tgt Ion:178 Resp: 361685
Ion Ratio Lower Upper
178 100
179 15.2 11.4 17.0
176 18.3 12.8 19.2





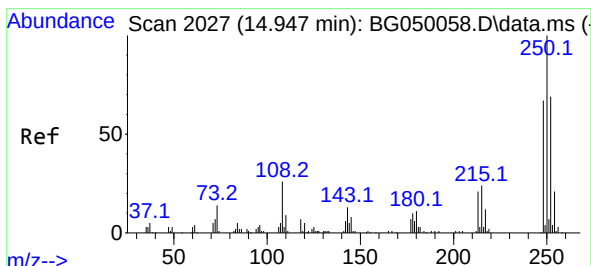
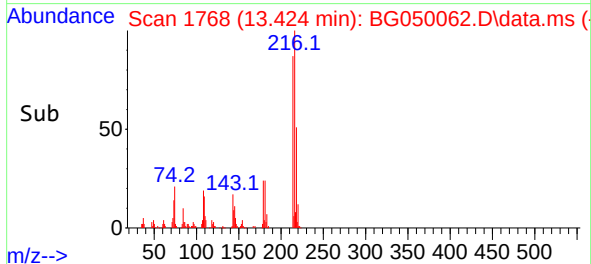
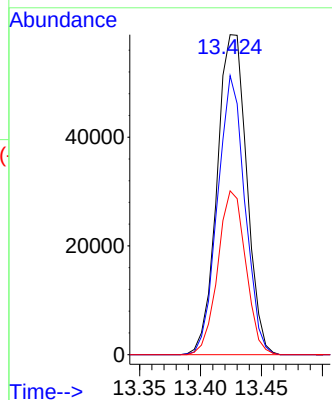
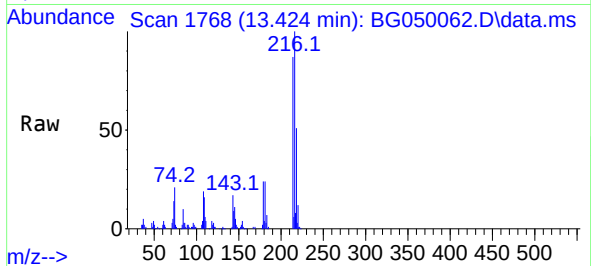
#75
1,2,3,4-Tetrachlorobenzene
Concen: 46.608 ng/uL
RT: 13.424 min Scan# 1768
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

Tgt Ion:	216	Resp:	99489
Ion Ratio	Lower	Upper	
216	100		
214	87.2	70.9	106.3
218	51.2	40.9	61.3

Instrument :
BNA_G
ClientSampleId :
SLCS651

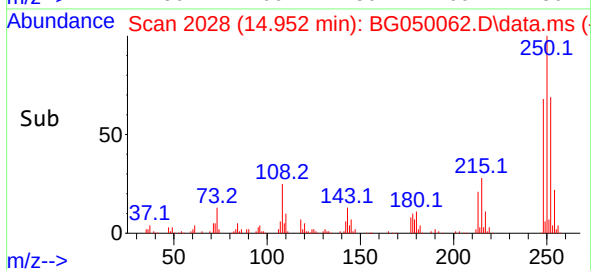
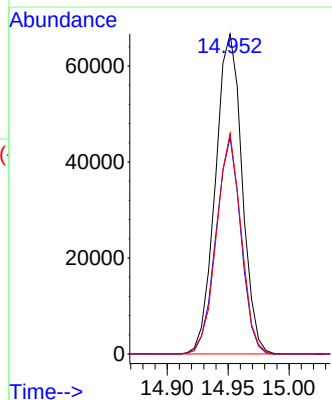
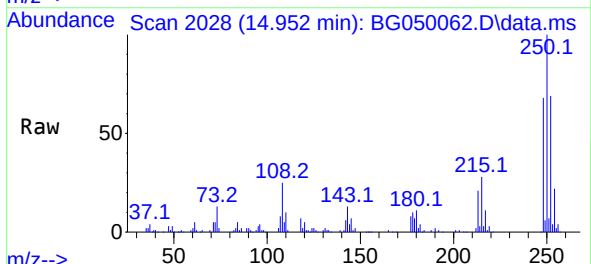
Manual Integrations
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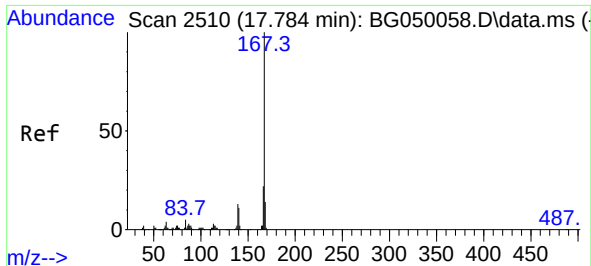
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#76
Pentachlorobenzene
Concen: 44.800 ng/uL
RT: 14.952 min Scan# 2028
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

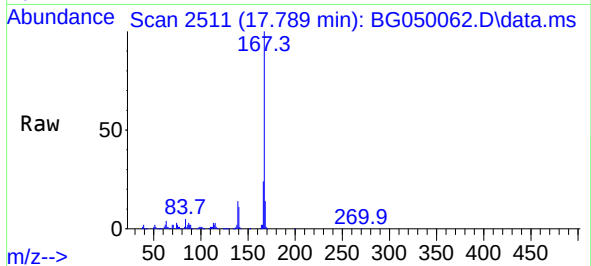
Tgt Ion:	250	Resp:	101329
Ion Ratio	Lower	Upper	
250	100		
248	67.7	51.5	77.3
252	68.9	47.9	71.9





#77
Carbazole
Concen: 44.443 ng/ul
RT: 17.789 min Scan# 2511
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

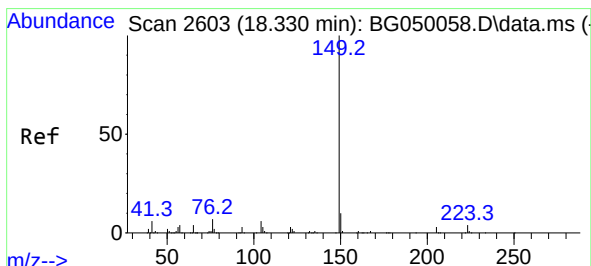
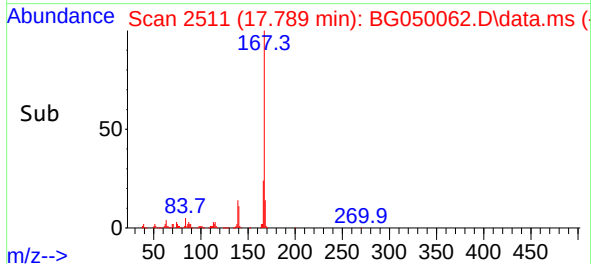
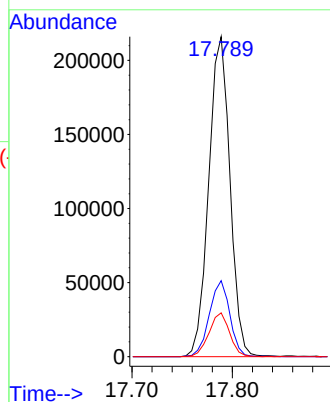
Instrument :
BNA_G
ClientSampleId :
SLCS651



Tgt Ion:167 Resp: 317862
Ion Ratio Lower Upper
167 100
166 23.8 17.8 26.8
139 13.7 11.1 16.7

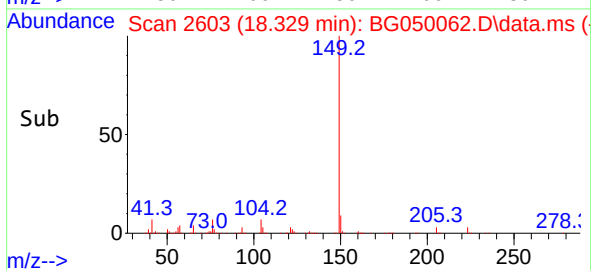
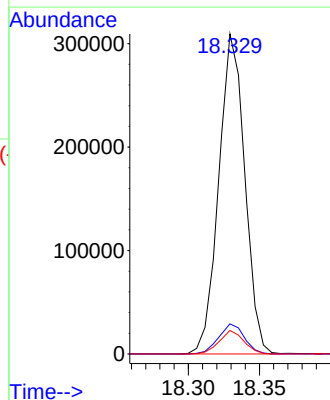
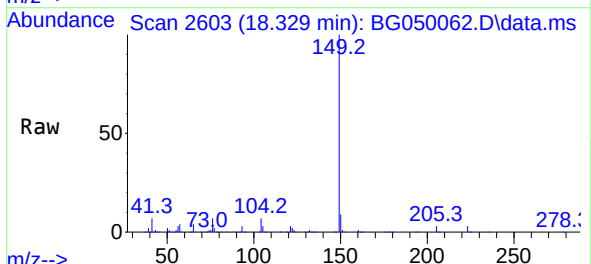
Manual Integrations
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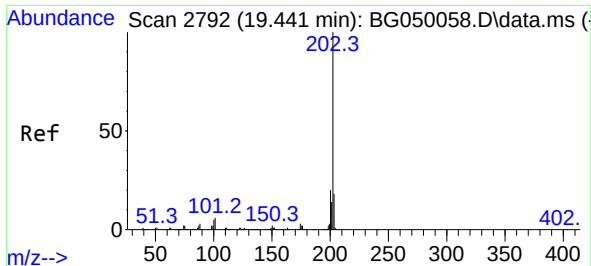
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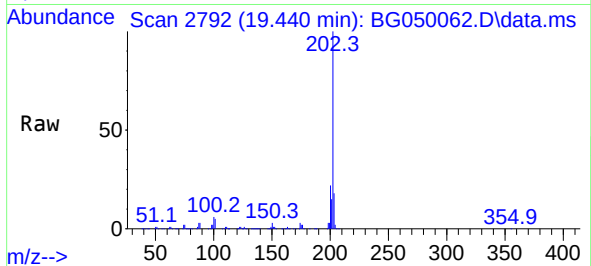
#78
Di-n-butylphthalate
Concen: 43.018 ng/ul
RT: 18.329 min Scan# 2603
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

Tgt Ion:149 Resp: 393492
Ion Ratio Lower Upper
149 100
150 9.4 8.1 12.1
104 7.3 5.3 7.9

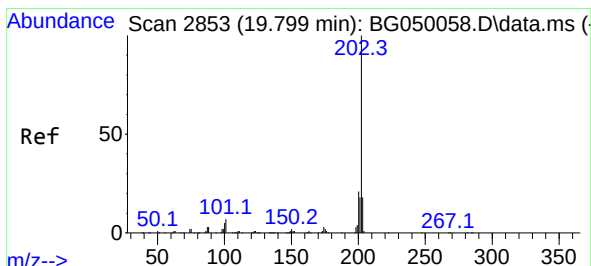
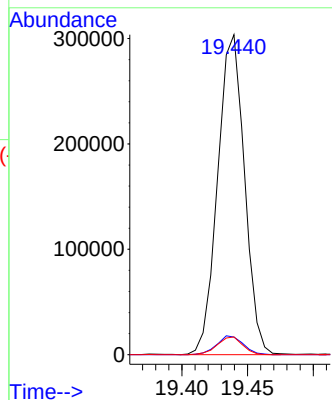
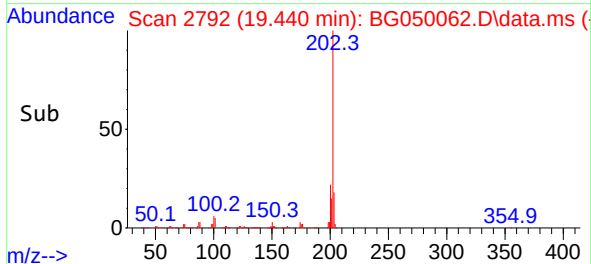




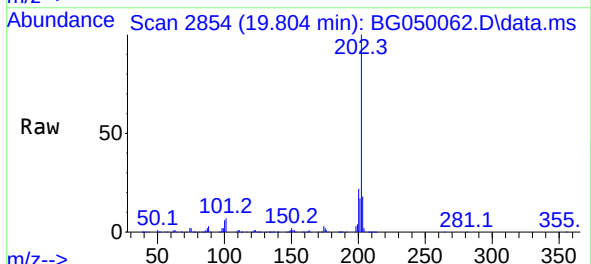
#80
Fluoranthene
Concen: 47.223 ng/u1
RT: 19.440 min Scan# 2792
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



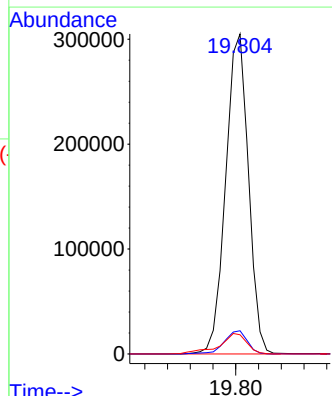
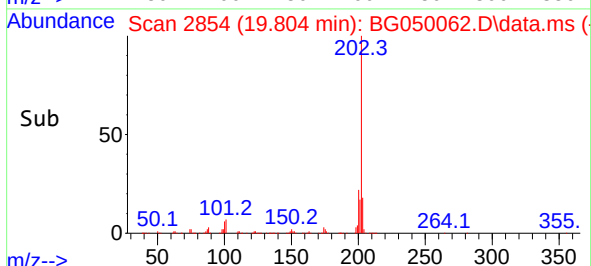
Tgt Ion:202 Resp: 432539
Ion Ratio Lower Upper
202 100
101 5.5 4.3 6.5
100 5.6 3.5 5.3#



#82
Pyrene
Concen: 46.675 ng/u1
RT: 19.804 min Scan# 2854
Delta R.T. 0.007 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



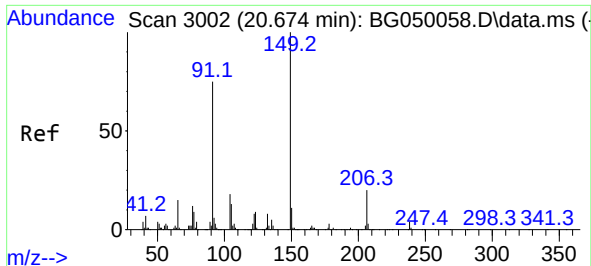
Tgt Ion:202 Resp: 423638
Ion Ratio Lower Upper
202 100
101 7.3 5.4 8.0
100 6.0 5.0 7.6



Instrument :
BNA_G
ClientSampled :
SLCS651

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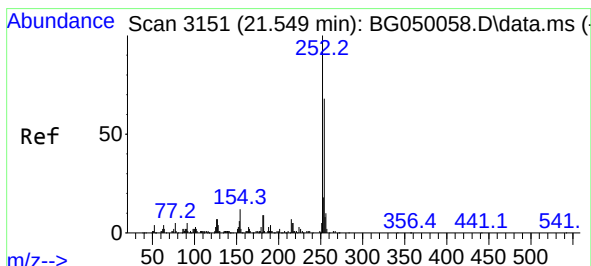
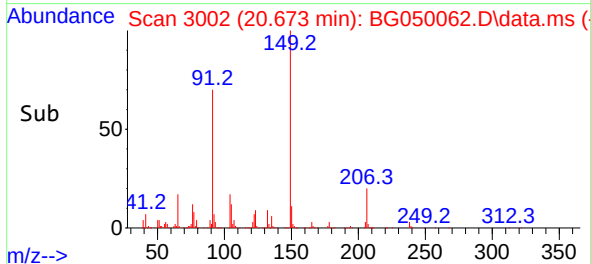
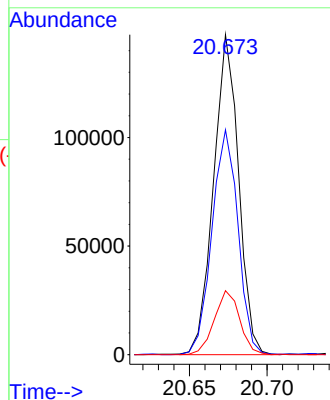
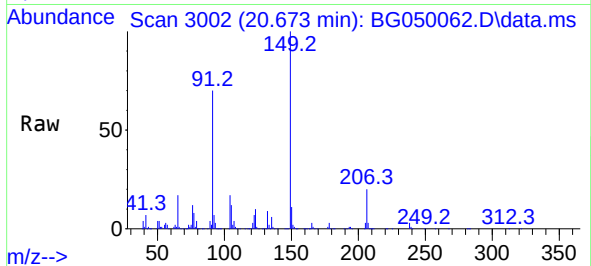
#83
Butylbenzylphthalate
Concen: 46.086 ng/ul
RT: 20.673 min Scan# 3002
Delta R.T. 0.001 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

Tgt Ion:149 Resp: 165070
Ion Ratio Lower Upper
149 100
91 70.3 60.6 90.8
206 20.0 16.8 25.2

Instrument :
BNA_G
ClientSampled :
SLCS651

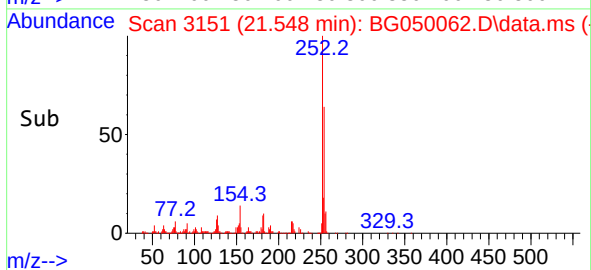
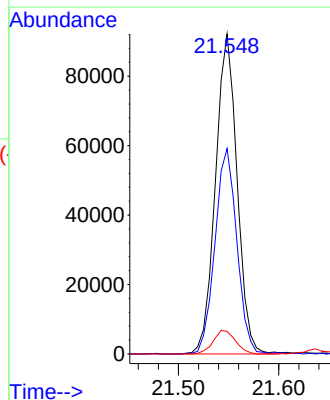
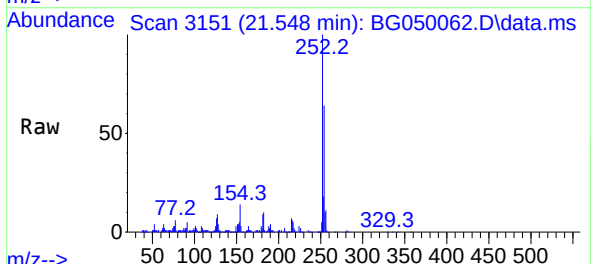
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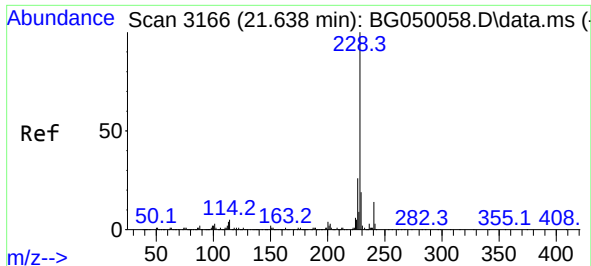
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#84
3,3'-Dichlorobenzidine
Concen: 42.317 ng/ul
RT: 21.548 min Scan# 3151
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

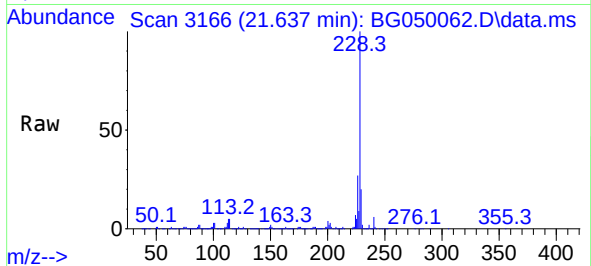
Tgt Ion:252 Resp: 137786
Ion Ratio Lower Upper
252 100
254 64.2 54.2 81.2
126 7.0 5.4 8.0





#85
Benzo(a)anthracene
Concen: 44.807 ng/ul
RT: 21.637 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

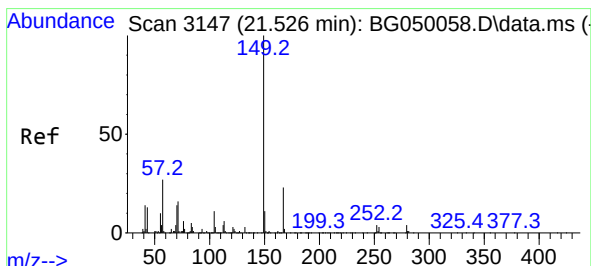
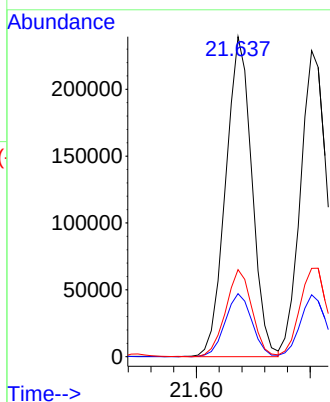
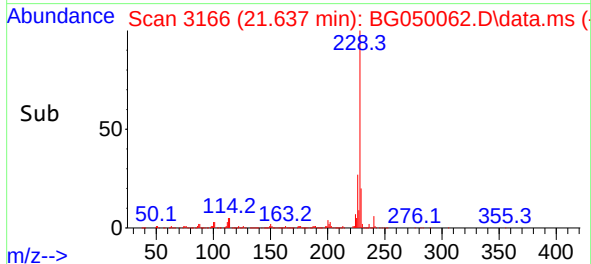
Instrument :
BNA_G
ClientSampled :
SLCS651



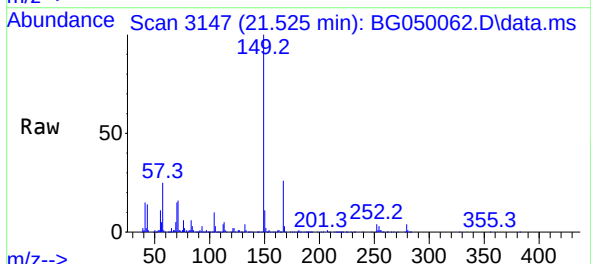
Tgt Ion:228 Resp: 383494
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.4
226 27.2 21.0 31.4

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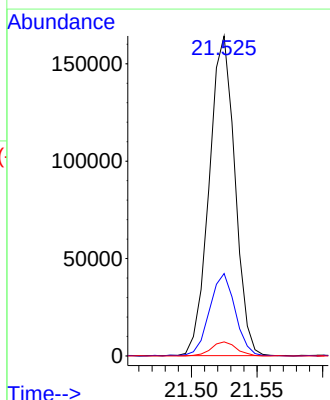
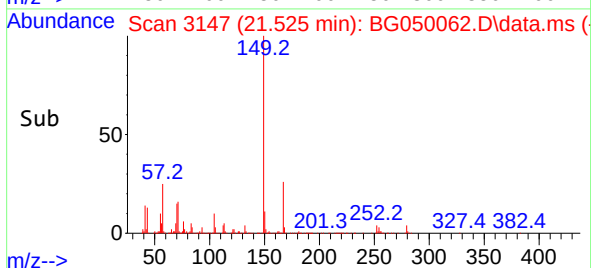
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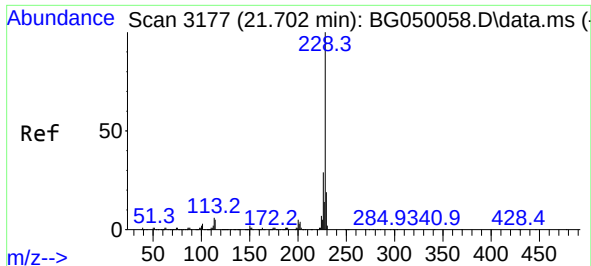


#86
Bis(2-ethylhexyl)phthalate
Concen: 45.378 ng/ul
RT: 21.525 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

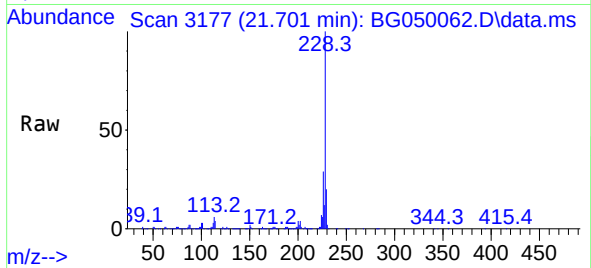


Tgt Ion:149 Resp: 223211
Ion Ratio Lower Upper
149 100
167 25.7 20.4 30.6
279 4.4 3.7 5.5

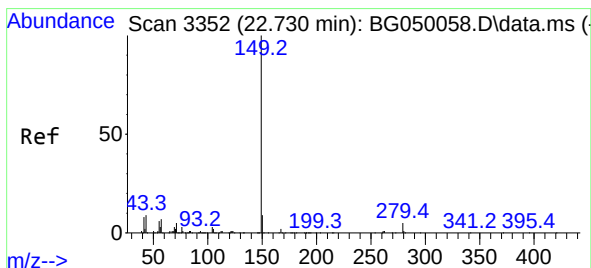
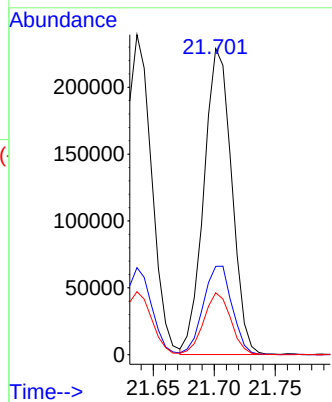
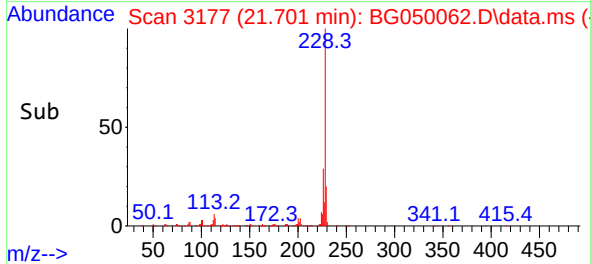




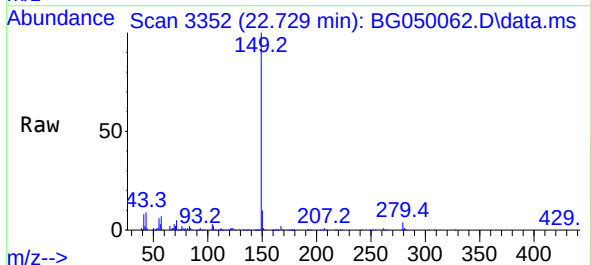
#87
Chrysene
Concen: 45.048 ng/ul
RT: 21.701 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



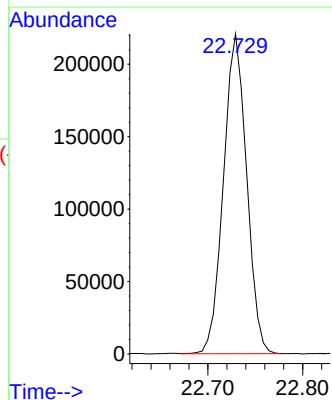
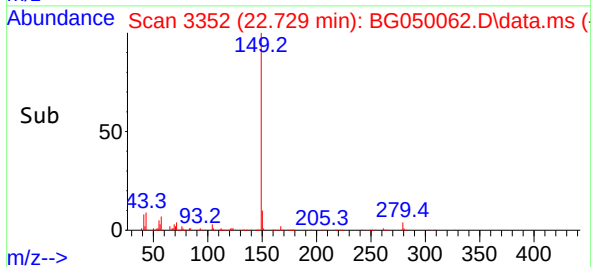
Tgt Ion:228 Resp: 364459
Ion Ratio Lower Upper
228 100
226 28.9 23.0 34.4
229 20.2 17.8 26.6



#89
Di-n-octyl phthalate
Concen: 44.882 ng/ul
RT: 22.729 min Scan# 3352
Delta R.T. 0.006 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



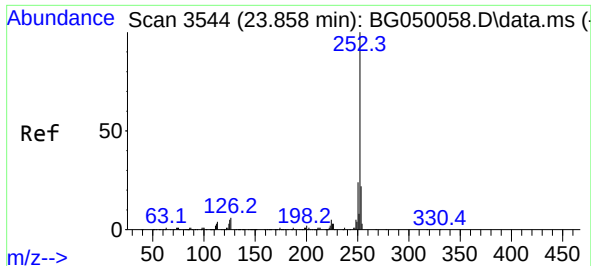
Tgt Ion:149 Resp: 374835



Instrument :
BNA_G
ClientSampled :
SLCS651

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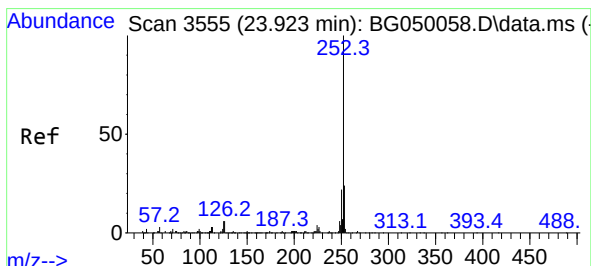
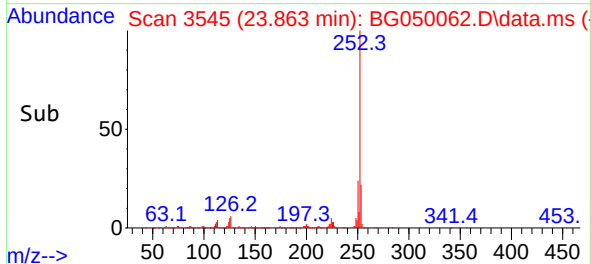
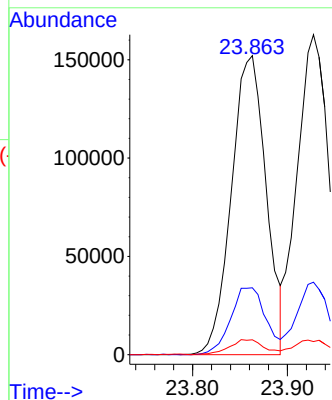
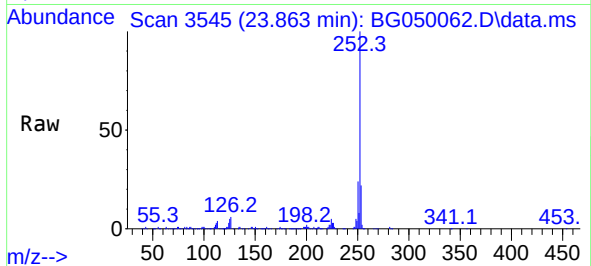
#90
Benzo(b)fluoranthene
Concen: 42.991 ng/ul
RT: 23.863 min Scan# 3545
Delta R.T. 0.018 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

Tgt Ion:252 Resp: 387149
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 5.0 3.4 5.0

Instrument :
BNA_G
ClientSampled :
SLCS651

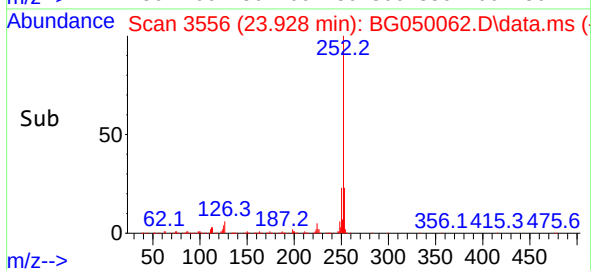
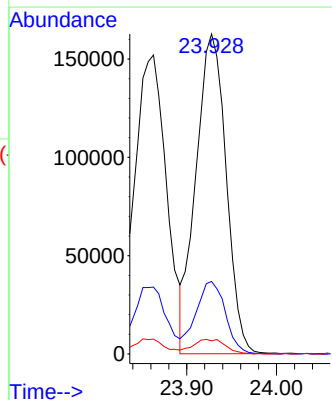
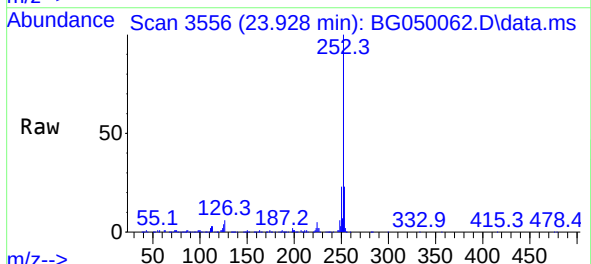
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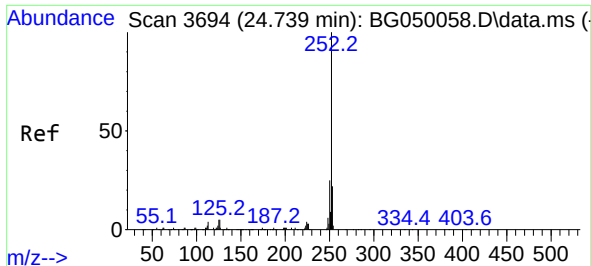
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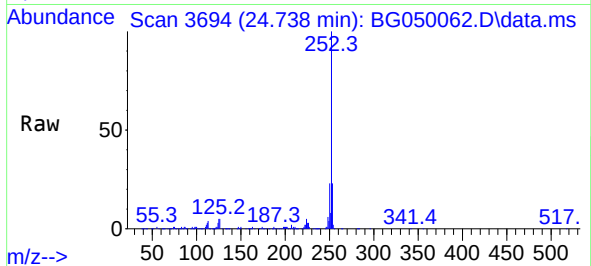
#91
Benzo(k)fluoranthene
Concen: 44.354 ng/ul
RT: 23.928 min Scan# 3556
Delta R.T. 0.018 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

Tgt Ion:252 Resp: 379669
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 4.1 4.1 6.1

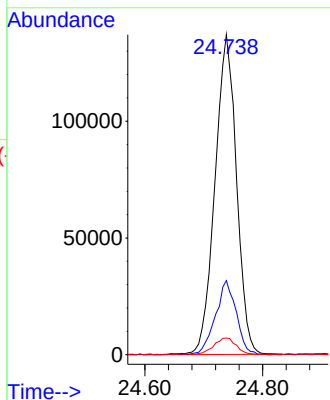
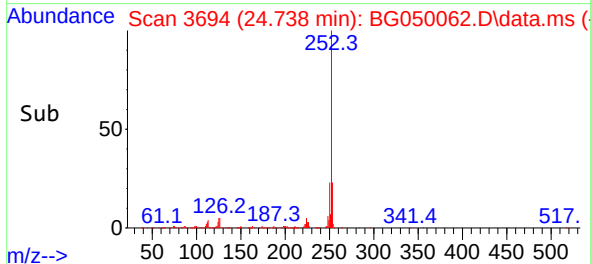




#93
Benzo(a)pyrene
Concen: 44.423 ng/ul
RT: 24.738 min Scan# 3694
Delta R.T. 0.018 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



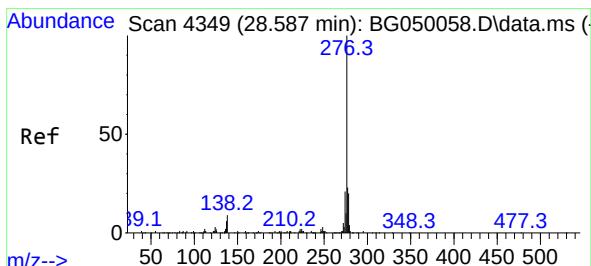
Tgt Ion:252 Resp: 347420
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.4
125 5.2 4.4 6.6



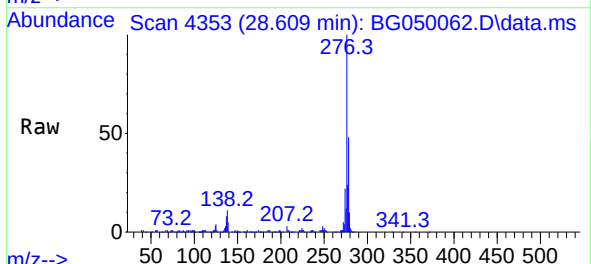
Instrument :
BNA_G
ClientSampled :
SLCS651

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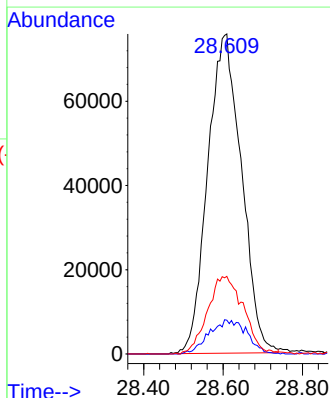
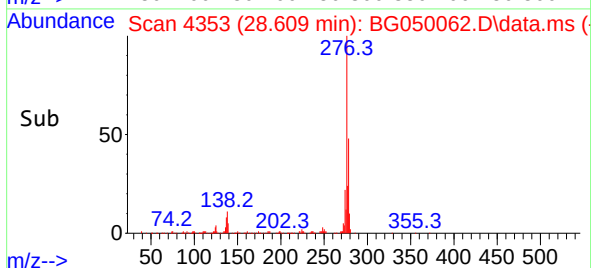
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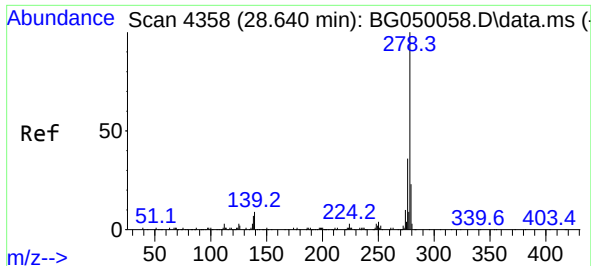


#94
Indeno(1,2,3-cd)pyrene
Concen: 43.314 ng/ul
RT: 28.609 min Scan# 4353
Delta R.T. 0.042 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



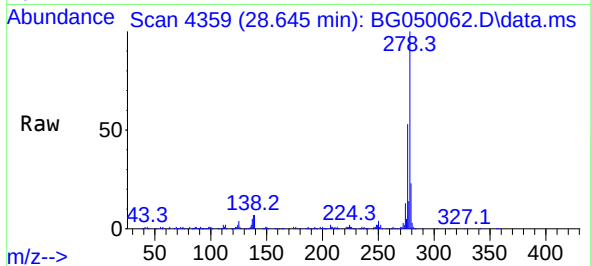
Tgt Ion:276 Resp: 446846
Ion Ratio Lower Upper
276 100
138 10.5 5.5 8.3#
277 24.2 18.6 27.8





#95
Dibenzo(a,h)anthracene
Concen: 43.384 ng/ul
RT: 28.645 min Scan# 4359
Delta R.T. 0.042 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59

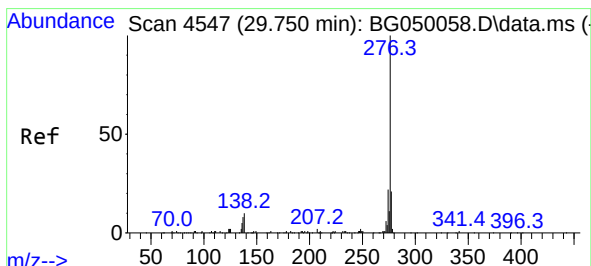
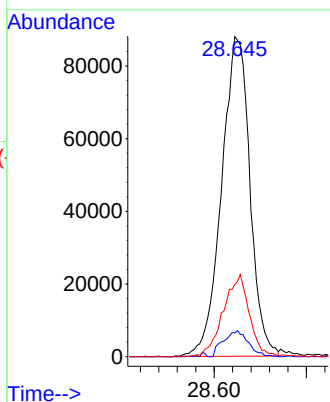
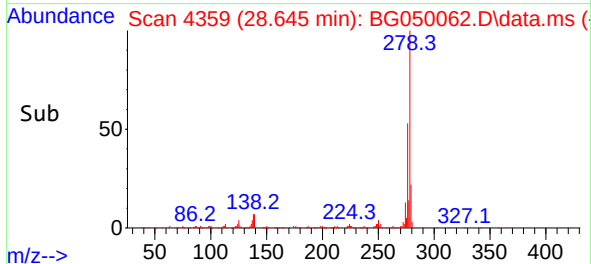
Instrument :
BNA_G
ClientSampled :
SLCS651



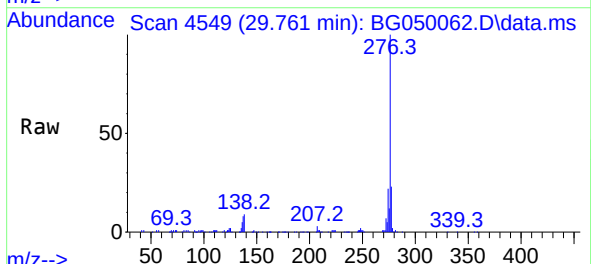
Tgt Ion:278 Resp: 374675
Ion Ratio Lower Upper
278 100
139 7.4 5.2 7.8
279 22.6 19.0 28.4

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#96
Benzo(g,h,i)perylene
Concen: 42.392 ng/ul m
RT: 29.761 min Scan# 4549
Delta R.T. 0.048 min
Lab File: BG050062.D
Acq: 31 Aug 2021 12:59



Tgt Ion:276 Resp: 367675
Ion Ratio Lower Upper
276 100
138 8.6 8.6 13.0#
277 23.4 17.4 26.0

